284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3615	**OrderDate:**	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Jones Beach Concrete
Contact:	Roland Scardino	**Location:**	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	**East Bathhouse-Concrete**	**SOIL**			**11/12/25**			**11/12/25**
			VOC-TCLVOA-10	8260D			11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5.5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
74-87-3	Chloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
75-01-4	Vinyl Chloride	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
74-83-9	Bromomethane	0.97	U	1	0.97	4.50	ug/Kg	11/13/25 12:14	VY111325
75-00-3	Chloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
75-69-4	Trichlorofluoromethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.96	U	1	0.96	4.50	ug/Kg	11/13/25 12:14	VY111325
75-35-4	1,1-Dichloroethene	0.91	U	1	0.91	4.50	ug/Kg	11/13/25 12:14	VY111325
67-64-1	Acetone	4.30	U	1	4.30	22.7	ug/Kg	11/13/25 12:14	VY111325
75-15-0	Carbon Disulfide	0.96	U	1	0.96	4.50	ug/Kg	11/13/25 12:14	VY111325
1634-04-4	Methyl tert-butyl Ether	0.66	U	1	0.66	4.50	ug/Kg	11/13/25 12:14	VY111325
79-20-9	Methyl Acetate	1.40	U	1	1.40	4.50	ug/Kg	11/13/25 12:14	VY111325
75-09-2	Methylene Chloride	3.20	U	1	3.20	9.10	ug/Kg	11/13/25 12:14	VY111325
156-60-5	trans-1,2-Dichloroethene	0.78	U	1	0.78	4.50	ug/Kg	11/13/25 12:14	VY111325
75-34-3	1,1-Dichloroethane	0.73	U	1	0.73	4.50	ug/Kg	11/13/25 12:14	VY111325
110-82-7	Cyclohexane	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
78-93-3	2-Butanone	5.90	U	1	5.90	22.7	ug/Kg	11/13/25 12:14	VY111325
56-23-5	Carbon Tetrachloride	0.88	U	1	0.88	4.50	ug/Kg	11/13/25 12:14	VY111325
156-59-2	cis-1,2-Dichloroethene	0.68	U	1	0.68	4.50	ug/Kg	11/13/25 12:14	VY111325
74-97-5	Bromochloromethane	1.00	U	1	1.00	4.50	ug/Kg	11/13/25 12:14	VY111325
67-66-3	Chloroform	0.76	U	1	0.76	4.50	ug/Kg	11/13/25 12:14	VY111325
71-55-6	1,1,1-Trichloroethane	0.85	U	1	0.85	4.50	ug/Kg	11/13/25 12:14	VY111325
108-87-2	Methylcyclohexane	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
71-43-2	Benzene	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
107-06-2	1,2-Dichloroethane	0.72	U	1	0.72	4.50	ug/Kg	11/13/25 12:14	VY111325
79-01-6	Trichloroethene	0.74	U	1	0.74	4.50	ug/Kg	11/13/25 12:14	VY111325
78-87-5	1,2-Dichloropropane	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
75-27-4	Bromodichloromethane	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
108-10-1	4-Methyl-2-Pentanone	3.30	U	1	3.30	22.7	ug/Kg	11/13/25 12:14	VY111325
108-88-3	Toluene	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
10061-02-6	t-1,3-Dichloropropene	0.59	U	1	0.59	4.50	ug/Kg	11/13/25 12:14	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.56	U	1	0.56	4.50	ug/Kg	11/13/25 12:14	VY111325
79-00-5	1,1,2-Trichloroethane	0.84	U	1	0.84	4.50	ug/Kg	11/13/25 12:14	VY111325
591-78-6	2-Hexanone	3.40	U	1	3.40	22.7	ug/Kg	11/13/25 12:14	VY111325
124-48-1	Dibromochloromethane	0.79	U	1	0.79	4.50	ug/Kg	11/13/25 12:14	VY111325
106-93-4	1,2-Dibromoethane	0.80	U	1	0.80	4.50	ug/Kg	11/13/25 12:14	VY111325
127-18-4	Tetrachloroethene	0.95	U	1	0.95	4.50	ug/Kg	11/13/25 12:14	VY111325
108-90-7	Chlorobenzene	0.83	U	1	0.83	4.50	ug/Kg	11/13/25 12:14	VY111325
100-41-4	Ethyl Benzene	0.61	U	1	0.61	4.50	ug/Kg	11/13/25 12:14	VY111325
179601-23-1	m/p-Xylenes	1.10	U	1	1.10	9.10	ug/Kg	11/13/25 12:14	VY111325
95-47-6	o-Xylene	0.75	U	1	0.75	4.50	ug/Kg	11/13/25 12:14	VY111325
100-42-5	Styrene	0.65	U	1	0.65	4.50	ug/Kg	11/13/25 12:14	VY111325
75-25-2	Bromoform	0.78	U	1	0.78	4.50	ug/Kg	11/13/25 12:14	VY111325

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5.5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.71	U	1	0.71	4.50	ug/Kg	11/13/25 12:14	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1	1.10	4.50	ug/Kg	11/13/25 12:14	VY111325
541-73-1	1,3-Dichlorobenzene	1.60	U	1	1.60	4.50	ug/Kg	11/13/25 12:14	VY111325
106-46-7	1,4-Dichlorobenzene	1.40	U	1	1.40	4.50	ug/Kg	11/13/25 12:14	VY111325
95-50-1	1,2-Dichlorobenzene	1.30	U	1	1.30	4.50	ug/Kg	11/13/25 12:14	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1	1.70	4.50	ug/Kg	11/13/25 12:14	VY111325
120-82-1	1,2,4-Trichlorobenzene	2.70	U	1	2.70	4.50	ug/Kg	11/13/25 12:14	VY111325
87-61-6	1,2,3-Trichlorobenzene	2.90	U	1	2.90	4.50	ug/Kg	11/13/25 12:14	VY111325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.3			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.4			70 - 134	79%	SPK: 50		
2037-26-5	Toluene-d8	48.6			74 - 123	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.8			52 - 138	86%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	759000							
540-36-3	1,4-Difluorobenzene	1340000							
3114-55-4	Chlorobenzene-d5	1130000							
3855-82-1	1,4-Dichlorobenzene-d4	447000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3615-01	East Bathhouse- Concrete	1,2-Dichloroethane-d4	50	57.3	115		63	155
		Dibromofluoromethane	50	39.4	79		70	134
		Toluene-d8	50	48.6	97		74	123
		4-Bromofluorobenzene	50	42.8	86		52	138
VY1113SBL01	VY1113SBL01	1,2-Dichloroethane-d4	50	56.7	113		63	155
		Dibromofluoromethane	50	50.5	101		70	134
		Toluene-d8	50	48.7	97		74	123
		4-Bromofluorobenzene	50	50.5	101		52	138
VY1113SBS01	VY1113SBS01	1,2-Dichloroethane-d4	50	50.7	101		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	51.1	102		74	123
		4-Bromofluorobenzene	50	62.2	124		52	138
VY1113SBSD01	VY1113SBSD01	1,2-Dichloroethane-d4	50	51.8	104		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	52.9	106		74	123
		4-Bromofluorobenzene	50	53.2	106		52	138

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023776.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1113SBS01	Dichlorodifluoromethane	20	22.2	ug/Kg	111			64	136	
	Chloromethane	20	21.2	ug/Kg	106			73	129	
	Vinyl chloride	20	20.2	ug/Kg	101			73	133	
	Bromomethane	20	20.0	ug/Kg	100			77	137	
	Chloroethane	20	19.6	ug/Kg	98			69	130	
	Trichlorofluoromethane	20	21.7	ug/Kg	109			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109			81	123	
	1,1-Dichloroethene	20	21.5	ug/Kg	108			79	121	
	Acetone	100	120	ug/Kg	120			60	174	
	Carbon disulfide	20	21.4	ug/Kg	107			73	125	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			77	129	
	Methyl Acetate	20	16.5	ug/Kg	83			51	140	
	Methylene Chloride	20	22.3	ug/Kg	112			54	158	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	21.6	ug/Kg	108			82	123	
	Cyclohexane	20	21.4	ug/Kg	107			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.7	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	20.6	ug/Kg	103			82	123	
	Bromochloromethane	20	21.6	ug/Kg	108			80	127	
	Chloroform	20	21.3	ug/Kg	106			82	125	
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.2	ug/Kg	101			77	123	
	Benzene	20	21.2	ug/Kg	106			84	121	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			81	126	
	Trichloroethene	20	20.2	ug/Kg	101			83	122	
	1,2-Dichloropropane	20	21.1	ug/Kg	106			83	122	
	Bromodichloromethane	20	21.0	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.2	ug/Kg	101			79	125	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			80	125	
	Tetrachloroethene	20	19.5	ug/Kg	98			83	125	
	Chlorobenzene	20	19.7	ug/Kg	99			84	122	
	Ethyl Benzene	20	19.4	ug/Kg	97			82	124	
	m/p-Xylenes	40	39.1	ug/Kg	98			83	124	
	o-Xylene	20	19.1	ug/Kg	96			83	123	
	Styrene	20	19.5	ug/Kg	98			82	124	
	Bromoform	20	22.2	ug/Kg	111			75	127	
	Isopropylbenzene	20	20.8	ug/Kg	104			82	124	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/Kg	98			77	127	
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023776.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1113SBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/Kg	93			66	134	
	1,2,4-Trichlorobenzene	20	18.5	ug/Kg	93			78	127	
	1,2,3-Trichlorobenzene	20	19.1	ug/Kg	96			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1113SBSD01	Dichlorodifluoromethane	20	21.9	ug/Kg	110	1		64	136	20
	Chloromethane	20	20.2	ug/Kg	101	5		73	129	15
	Vinyl chloride	20	19.4	ug/Kg	97	4		73	133	15
	Bromomethane	20	18.6	ug/Kg	93	7		77	137	15
	Chloroethane	20	18.9	ug/Kg	95	3		69	130	15
	Trichlorofluoromethane	20	20.1	ug/Kg	101	8		69	134	27
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/Kg	106	3		81	123	20
	1,1-Dichloroethene	20	20.4	ug/Kg	102	6		79	121	16
	Acetone	100	110	ug/Kg	110	9		60	174	28
	Carbon disulfide	20	20.5	ug/Kg	103	4		73	125	15
	Methyl tert-butyl Ether	20	19.4	ug/Kg	97	4		77	129	20
	Methyl Acetate	20	15.6	ug/Kg	78	6		51	140	30
	Methylene Chloride	20	20.3	ug/Kg	102	9		54	158	20
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		80	123	15
	1,1-Dichloroethane	20	20.9	ug/Kg	104	4		82	123	15
	Cyclohexane	20	21.0	ug/Kg	105	2		76	122	15
	2-Butanone	100	110	ug/Kg	110	0		69	131	29
	Carbon Tetrachloride	20	20.3	ug/Kg	102	2		76	129	15
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101	2		82	123	15
	Bromochloromethane	20	21.1	ug/Kg	106	2		80	127	15
	Chloroform	20	20.5	ug/Kg	103	3		82	125	15
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103	3		80	126	15
	Methylcyclohexane	20	19.8	ug/Kg	99	2		77	123	15
	Benzene	20	20.6	ug/Kg	103	3		84	121	15
	1,2-Dichloroethane	20	19.5	ug/Kg	98	6		81	126	15
	Trichloroethene	20	19.3	ug/Kg	97	4		83	122	15
	1,2-Dichloropropane	20	20.6	ug/Kg	103	3		83	122	15
	Bromodichloromethane	20	20.3	ug/Kg	102	3		82	123	15
	4-Methyl-2-Pentanone	100	97.3	ug/Kg	97	3		70	135	26
	Toluene	20	20.6	ug/Kg	103	3		83	122	15
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98	4		78	124	15
	cis-1,3-Dichloropropene	20	19.9	ug/Kg	100	4		81	122	15
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99	4		82	125	15
	2-Hexanone	100	100	ug/Kg	100	10		66	138	27
	Dibromochloromethane	20	19.4	ug/Kg	97	4		79	125	15
	1,2-Dibromoethane	20	19.2	ug/Kg	96	6		80	125	16
	Tetrachloroethene	20	19.1	ug/Kg	96	2		83	125	15
	Chlorobenzene	20	19.9	ug/Kg	100	1		84	122	15
	Ethyl Benzene	20	20.1	ug/Kg	101	4		82	124	15
	m/p-Xylenes	40	40.7	ug/Kg	102	4		83	124	15
	o-Xylene	20	19.7	ug/Kg	99	3		83	123	15
	Styrene	20	20.0	ug/Kg	100	2		82	124	15
	Bromoform	20	18.9	ug/Kg	95	16		75	127	16
	Isopropylbenzene	20	20.3	ug/Kg	102	2		82	124	15
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102	4		77	127	21
	1,3-Dichlorobenzene	20	19.8	ug/Kg	99	1		83	122	15
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99	0		84	121	15
	1,2-Dichlorobenzene	20	19.6	ug/Kg	98	0		83	124	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023777.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1113SBSD01	1,2-Dibromo-3-Chloropropane	20	19.7	ug/Kg	99	6		66	134	20
	1,2,4-Trichlorobenzene	20	22.3	ug/Kg	112	19		78	127	20
	1,2,3-Trichlorobenzene	20	23.5	ug/Kg	117	20	*	70	137	16

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1113SBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: VY023775.D Lab Sample ID: VY1113SBL01

Date Analyzed: 11/13/2025 Time Analyzed: 10:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1113SBS01	VY1113SBS01	VY023776.D	11/13/2025
VY1113SBSD01	VY1113SBSD01	VY023777.D	11/13/2025
East Bathhouse- Concrete	Q3615-01	VY023779.D	11/13/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab File ID: VY023660.D | BFB Injection Date: 11/04/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:11

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.3) 1
174	50.0 - 100.0% of mass 95	94.8
175	5.0 - 9.0% of mass 174	7 (7.4) 1
176	95.0 - 101.0% of mass 174	91.1 (96.1) 1
177	5.0 - 9.0% of mass 176	6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023661.D	11/04/2025	09:19
VSTDICC010	VSTDICC010	VY023662.D	11/04/2025	09:42
VSTDICC020	VSTDICC020	VY023663.D	11/04/2025	10:19
VSTDICCC050	VSTDICCC050	VY023664.D	11/04/2025	10:42
VSTDICC100	VSTDICC100	VY023665.D	11/04/2025	11:05
VSTDICC150	VSTDICC150	VY023666.D	11/04/2025	11:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab File ID: VY023773.D | BFB Injection Date: 11/13/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:06

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.2
75	30.0 - 60.0% of mass 95	48.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	92.4
175	5.0 - 9.0% of mass 174	6.7 (7.3) 1
176	95.0 - 101.0% of mass 174	88.1 (95.4) 1
177	5.0 - 9.0% of mass 176	5.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023774.D	11/13/2025	09:48
VY1113SBL01	VY1113SBL01	VY023775.D	11/13/2025	10:17
VY1113SBS01	VY1113SBS01	VY023776.D	11/13/2025	10:46
VY1113SBSD01	VY1113SBSD01	VY023777.D	11/13/2025	11:09
East Bathhouse- Concrete	Q3615-01	VY023779.D	11/13/2025	12:14

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: VY023774.D Date Analyzed: 11/13/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:48

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	535734	7.71	769382	8.62	787003	11.41
UPPER LIMIT	1071470	8.207	1538760	9.116	1574010	11.914
LOWER LIMIT	267867	7.207	384691	8.116	393502	10.914
EPA SAMPLE NO.						
East Bathhouse- Concrete	759197	7.71	1341213	8.62	1126773	11.41
VY1113SBL01	770600	7.71	1347630	8.62	1134546	11.41
VY1113SBS01	545029	7.71	820567	8.62	760023	11.41
VY1113SBSD01	571249	7.71	854908	8.62	744787	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: VY023774.D Date Analyzed: 11/13/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:48

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	393514	13.347				
UPPER LIMIT	787028	13.847				
LOWER LIMIT	196757	12.847				
EPA SAMPLE NO.						
East Bathhouse- Concrete	446837	13.35				
VY1113SBL01	509347	13.35				
VY1113SBS01	418145	13.35				
VY1113SBSD01	370605	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBL01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/13/25 10:17	VY111325
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/13/25 10:17	VY111325
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/13/25 10:17	VY111325
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/13/25 10:17	VY111325
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/13/25 10:17	VY111325
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/13/25 10:17	VY111325
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/13/25 10:17	VY111325
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/13/25 10:17	VY111325
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/13/25 10:17	VY111325
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/13/25 10:17	VY111325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/13/25 10:17	VY111325
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/13/25 10:17	VY111325
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/13/25 10:17	VY111325
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/13/25 10:17	VY111325
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/13/25 10:17	VY111325
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	11/13/25 10:17	VY111325
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/13/25 10:17	VY111325
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/13/25 10:17	VY111325
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/13/25 10:17	VY111325
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	11/13/25 10:17	VY111325
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/13/25 10:17	VY111325
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/13/25 10:17	VY111325
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/13/25 10:17	VY111325
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/13/25 10:17	VY111325
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/13/25 10:17	VY111325
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/13/25 10:17	VY111325
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/13/25 10:17	VY111325
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/13/25 10:17	VY111325
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/13/25 10:17	VY111325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBL01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/13/25 10:17	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/13/25 10:17	VY111325
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/13/25 10:17	VY111325
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/13/25 10:17	VY111325
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/13/25 10:17	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/13/25 10:17	VY111325
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/13/25 10:17	VY111325
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	11/13/25 10:17	VY111325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			63 - 155	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	48.7			74 - 123	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.5			52 - 138	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	771000							
540-36-3	1,4-Difluorobenzene	1350000							
3114-55-4	Chlorobenzene-d5	1130000							
3855-82-1	1,4-Dichlorobenzene-d4	509000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBS01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.2		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
74-87-3	Chloromethane	21.2		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
74-83-9	Bromomethane	20.0		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-00-3	Chloroethane	19.6		1	1.30	5.00	ug/Kg	11/13/25 10:46	VY111325
75-69-4	Trichlorofluoromethane	21.7		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
75-35-4	1,1-Dichloroethene	21.5		1	1.00	5.00	ug/Kg	11/13/25 10:46	VY111325
67-64-1	Acetone	120		1	4.70	25.0	ug/Kg	11/13/25 10:46	VY111325
75-15-0	Carbon Disulfide	21.4		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
1634-04-4	Methyl tert-butyl Ether	20.1		1	0.73	5.00	ug/Kg	11/13/25 10:46	VY111325
79-20-9	Methyl Acetate	16.5		1	1.50	5.00	ug/Kg	11/13/25 10:46	VY111325
75-09-2	Methylene Chloride	22.3		1	3.50	10.0	ug/Kg	11/13/25 10:46	VY111325
156-60-5	trans-1,2-Dichloroethene	20.9		1	0.86	5.00	ug/Kg	11/13/25 10:46	VY111325
75-34-3	1,1-Dichloroethane	21.6		1	0.80	5.00	ug/Kg	11/13/25 10:46	VY111325
110-82-7	Cyclohexane	21.4		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/13/25 10:46	VY111325
56-23-5	Carbon Tetrachloride	20.7		1	0.97	5.00	ug/Kg	11/13/25 10:46	VY111325
156-59-2	cis-1,2-Dichloroethene	20.6		1	0.75	5.00	ug/Kg	11/13/25 10:46	VY111325
74-97-5	Bromochloromethane	21.6		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
67-66-3	Chloroform	21.3		1	0.84	5.00	ug/Kg	11/13/25 10:46	VY111325
71-55-6	1,1,1-Trichloroethane	21.3		1	0.93	5.00	ug/Kg	11/13/25 10:46	VY111325
108-87-2	Methylcyclohexane	20.2		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
71-43-2	Benzene	21.2		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
107-06-2	1,2-Dichloroethane	20.7		1	0.79	5.00	ug/Kg	11/13/25 10:46	VY111325
79-01-6	Trichloroethene	20.2		1	0.81	5.00	ug/Kg	11/13/25 10:46	VY111325
78-87-5	1,2-Dichloropropane	21.1		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
75-27-4	Bromodichloromethane	21.0		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	11/13/25 10:46	VY111325
108-88-3	Toluene	21.3		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
10061-02-6	t-1,3-Dichloropropene	20.4		1	0.65	5.00	ug/Kg	11/13/25 10:46	VY111325
10061-01-5	cis-1,3-Dichloropropene	20.7		1	0.62	5.00	ug/Kg	11/13/25 10:46	VY111325
79-00-5	1,1,2-Trichloroethane	20.5		1	0.92	5.00	ug/Kg	11/13/25 10:46	VY111325
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	11/13/25 10:46	VY111325
124-48-1	Dibromochloromethane	20.2		1	0.87	5.00	ug/Kg	11/13/25 10:46	VY111325
106-93-4	1,2-Dibromoethane	20.4		1	0.88	5.00	ug/Kg	11/13/25 10:46	VY111325
127-18-4	Tetrachloroethene	19.5		1	1.10	5.00	ug/Kg	11/13/25 10:46	VY111325
108-90-7	Chlorobenzene	19.7		1	0.91	5.00	ug/Kg	11/13/25 10:46	VY111325
100-41-4	Ethyl Benzene	19.4		1	0.67	5.00	ug/Kg	11/13/25 10:46	VY111325
179601-23-1	m/p-Xylenes	39.1		1	1.20	10.0	ug/Kg	11/13/25 10:46	VY111325
95-47-6	o-Xylene	19.1		1	0.82	5.00	ug/Kg	11/13/25 10:46	VY111325
100-42-5	Styrene	19.5		1	0.71	5.00	ug/Kg	11/13/25 10:46	VY111325
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	11/13/25 10:46	VY111325

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBS01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.8		1	0.78	5.00	ug/Kg	11/13/25 10:46	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	19.5		1	1.20	5.00	ug/Kg	11/13/25 10:46	VY111325
541-73-1	1,3-Dichlorobenzene	19.9		1	1.70	5.00	ug/Kg	11/13/25 10:46	VY111325
106-46-7	1,4-Dichlorobenzene	19.8		1	1.60	5.00	ug/Kg	11/13/25 10:46	VY111325
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	11/13/25 10:46	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	1.80	5.00	ug/Kg	11/13/25 10:46	VY111325
120-82-1	1,2,4-Trichlorobenzene	18.5		1	3.00	5.00	ug/Kg	11/13/25 10:46	VY111325
87-61-6	1,2,3-Trichlorobenzene	19.1		1	3.20	5.00	ug/Kg	11/13/25 10:46	VY111325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.7			63 - 155	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			70 - 134	100%	SPK: 50		
2037-26-5	Toluene-d8	51.1			74 - 123	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	62.2			52 - 138	124%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	545000							
540-36-3	1,4-Difluorobenzene	821000							
3114-55-4	Chlorobenzene-d5	760000							
3855-82-1	1,4-Dichlorobenzene-d4	418000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBSD01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.9		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
74-87-3	Chloromethane	20.2		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-01-4	Vinyl Chloride	19.4		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
74-83-9	Bromomethane	18.6		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-00-3	Chloroethane	18.9		1	1.30	5.00	ug/Kg	11/13/25 11:09	VY111325
75-69-4	Trichlorofluoromethane	20.1		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
75-35-4	1,1-Dichloroethene	20.4		1	1.00	5.00	ug/Kg	11/13/25 11:09	VY111325
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/13/25 11:09	VY111325
75-15-0	Carbon Disulfide	20.5		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
1634-04-4	Methyl tert-butyl Ether	19.4		1	0.73	5.00	ug/Kg	11/13/25 11:09	VY111325
79-20-9	Methyl Acetate	15.6		1	1.50	5.00	ug/Kg	11/13/25 11:09	VY111325
75-09-2	Methylene Chloride	20.3		1	3.50	10.0	ug/Kg	11/13/25 11:09	VY111325
156-60-5	trans-1,2-Dichloroethene	20.5		1	0.86	5.00	ug/Kg	11/13/25 11:09	VY111325
75-34-3	1,1-Dichloroethane	20.9		1	0.80	5.00	ug/Kg	11/13/25 11:09	VY111325
110-82-7	Cyclohexane	21.0		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/13/25 11:09	VY111325
56-23-5	Carbon Tetrachloride	20.3		1	0.97	5.00	ug/Kg	11/13/25 11:09	VY111325
156-59-2	cis-1,2-Dichloroethene	20.1		1	0.75	5.00	ug/Kg	11/13/25 11:09	VY111325
74-97-5	Bromochloromethane	21.1		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
67-66-3	Chloroform	20.5		1	0.84	5.00	ug/Kg	11/13/25 11:09	VY111325
71-55-6	1,1,1-Trichloroethane	20.6		1	0.93	5.00	ug/Kg	11/13/25 11:09	VY111325
108-87-2	Methylcyclohexane	19.8		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
71-43-2	Benzene	20.6		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
107-06-2	1,2-Dichloroethane	19.5		1	0.79	5.00	ug/Kg	11/13/25 11:09	VY111325
79-01-6	Trichloroethene	19.3		1	0.81	5.00	ug/Kg	11/13/25 11:09	VY111325
78-87-5	1,2-Dichloropropane	20.6		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
75-27-4	Bromodichloromethane	20.3		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
108-10-1	4-Methyl-2-Pentanone	97.3		1	3.60	25.0	ug/Kg	11/13/25 11:09	VY111325
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
10061-02-6	t-1,3-Dichloropropene	19.6		1	0.65	5.00	ug/Kg	11/13/25 11:09	VY111325
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.62	5.00	ug/Kg	11/13/25 11:09	VY111325
79-00-5	1,1,2-Trichloroethane	19.7		1	0.92	5.00	ug/Kg	11/13/25 11:09	VY111325
591-78-6	2-Hexanone	100		1	3.70	25.0	ug/Kg	11/13/25 11:09	VY111325
124-48-1	Dibromochloromethane	19.4		1	0.87	5.00	ug/Kg	11/13/25 11:09	VY111325
106-93-4	1,2-Dibromoethane	19.2		1	0.88	5.00	ug/Kg	11/13/25 11:09	VY111325
127-18-4	Tetrachloroethene	19.1		1	1.10	5.00	ug/Kg	11/13/25 11:09	VY111325
108-90-7	Chlorobenzene	19.9		1	0.91	5.00	ug/Kg	11/13/25 11:09	VY111325
100-41-4	Ethyl Benzene	20.1		1	0.67	5.00	ug/Kg	11/13/25 11:09	VY111325
179601-23-1	m/p-Xylenes	40.7		1	1.20	10.0	ug/Kg	11/13/25 11:09	VY111325
95-47-6	o-Xylene	19.7		1	0.82	5.00	ug/Kg	11/13/25 11:09	VY111325
100-42-5	Styrene	20.0		1	0.71	5.00	ug/Kg	11/13/25 11:09	VY111325
75-25-2	Bromoform	18.9		1	0.86	5.00	ug/Kg	11/13/25 11:09	VY111325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	VY1113SBSD01	SDG No.:	Q3615
Lab Sample ID:	VY1113SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	5.00	ug/Kg	11/13/25 11:09	VY111325
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1	1.20	5.00	ug/Kg	11/13/25 11:09	VY111325
541-73-1	1,3-Dichlorobenzene	19.8		1	1.70	5.00	ug/Kg	11/13/25 11:09	VY111325
106-46-7	1,4-Dichlorobenzene	19.7		1	1.60	5.00	ug/Kg	11/13/25 11:09	VY111325
95-50-1	1,2-Dichlorobenzene	19.6		1	1.50	5.00	ug/Kg	11/13/25 11:09	VY111325
96-12-8	1,2-Dibromo-3-Chloropropane	19.7		1	1.80	5.00	ug/Kg	11/13/25 11:09	VY111325
120-82-1	1,2,4-Trichlorobenzene	22.3		1	3.00	5.00	ug/Kg	11/13/25 11:09	VY111325
87-61-6	1,2,3-Trichlorobenzene	23.5		1	3.20	5.00	ug/Kg	11/13/25 11:09	VY111325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.8			63 - 155	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.6			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	52.9			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.2			52 - 138	106%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	571000							
540-36-3	1,4-Difluorobenzene	855000							
3114-55-4	Chlorobenzene-d5	745000							
3855-82-1	1,4-Dichlorobenzene-d4	371000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: MSVOA_Y Calibration Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:19 11:27

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023661.D RRF010 = VY023662.D RRF020 = VY023663.D
RRF050 = VY023664.D RRF100 = VY023665.D RRF150 = VY023666.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.391	0.380	0.373	0.275	0.284	0.266	0.328	17.9
Chloromethane	0.537	0.510	0.489	0.413	0.424	0.382	0.459	13.4
Vinyl Chloride	0.680	0.662	0.633	0.547	0.556	0.508	0.598	11.7
Bromomethane	0.587	0.555	0.530	0.443	0.464	0.437	0.503	12.5
Chloroethane	0.458	0.455	0.432	0.386	0.393	0.354	0.413	10.1
Trichlorofluoromethane	0.937	0.908	0.887	0.780	0.782	0.756	0.842	9.2
1,1,2-Trichlorotrifluoroethane	0.519	0.506	0.471	0.433	0.439	0.414	0.464	9.1
1,1-Dichloroethene	0.476	0.462	0.462	0.421	0.441	0.419	0.447	5.2
Acetone	0.115	0.106	0.115	0.094	0.105	0.102	0.106	7.4
Carbon Disulfide	1.479	1.468	1.424	1.288	1.330	1.237	1.371	7.3
Methyl tert-butyl Ether	0.980	0.945	1.059	1.008	1.132	1.091	1.036	6.8
Methyl Acetate	0.221	0.206	0.292	0.210	0.256	0.218	0.234	14.4
Methylene Chloride	0.652	0.532	0.515	0.460	0.476	0.436	0.512	15.1
trans-1,2-Dichloroethene	0.512	0.515	0.519	0.487	0.510	0.479	0.504	3.3
1,1-Dichloroethane	0.855	0.818	0.822	0.775	0.813	0.760	0.807	4.3
Cyclohexane	0.789	0.719	0.692	0.662	0.695	0.660	0.703	6.8
2-Butanone	0.128	0.113	0.130	0.111	0.127	0.127	0.123	6.8
Carbon Tetrachloride	0.516	0.491	0.501	0.477	0.494	0.473	0.492	3.2
cis-1,2-Dichloroethene	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.4
Bromochloromethane	0.317	0.329	0.329	0.290	0.311	0.279	0.309	6.7
Chloroform	0.957	0.934	0.919	0.863	0.898	0.833	0.901	5.1
1,1,1-Trichloroethane	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.7
Methylcyclohexane	0.499	0.495	0.536	0.539	0.569	0.563	0.534	5.8
Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.6
1,2-Dichloroethane	0.343	0.331	0.344	0.321	0.339	0.320	0.333	3.3
Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.8
1,2-Dichloropropane	0.294	0.285	0.300	0.284	0.297	0.283	0.290	2.6
Bromodichloromethane	0.456	0.442	0.471	0.444	0.469	0.441	0.454	3
4-Methyl-2-Pentanone	0.143	0.136	0.170	0.158	0.181	0.180	0.162	11.8
Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: MSVOA_Y Calibration Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:19 11:27

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023661.D RRF010 = VY023662.D RRF020 = VY023663.D
RRF050 = VY023664.D RRF100 = VY023665.D RRF150 = VY023666.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.346	0.349	0.389	0.387	0.426	0.407	0.384	8.2
cis-1,3-Dichloropropene	0.419	0.434	0.475	0.463	0.495	0.474	0.460	6.1
1,1,2-Trichloroethane	0.244	0.230	0.250	0.234	0.249	0.236	0.241	3.5
2-Hexanone	0.101	0.099	0.127	0.115	0.132	0.133	0.118	12.9
Dibromochloromethane	0.325	0.314	0.342	0.326	0.347	0.329	0.330	3.7
1,2-Dibromoethane	0.221	0.208	0.240	0.222	0.238	0.226	0.226	5.3
Tetrachloroethene	0.554	0.549	0.545	0.512	0.500	0.462	0.520	6.9
Chlorobenzene	1.096	1.095	1.109	1.067	1.107	1.057	1.089	2
Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.6
m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.1
o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9
Styrene	0.903	0.979	1.110	1.121	1.184	1.145	1.074	10.1
Bromoform	0.222	0.209	0.230	0.219	0.238	0.231	0.225	4.5
Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.6
1,1,2,2-Tetrachloroethane	0.553	0.494	0.522	0.503	0.569	0.564	0.534	6
1,3-Dichlorobenzene	1.680	1.703	1.714	1.694	1.744	1.709	1.707	1.3
1,4-Dichlorobenzene	1.752	1.685	1.666	1.652	1.679	1.630	1.677	2.5
1,2-Dichlorobenzene	1.468	1.467	1.488	1.454	1.494	1.457	1.471	1.1
1,2-Dibromo-3-Chloropropane	0.085	0.076	0.083	0.076	0.086	0.086	0.082	5.7
1,2,4-Trichlorobenzene	0.738	0.747	0.835	0.853	0.933	0.944	0.842	10.5
1,2,3-Trichlorobenzene	0.619	0.611	0.698	0.717	0.782	0.791	0.703	10.9
1,2-Dichloroethane-d4	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.3
Dibromofluoromethane	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.2
Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.3
4-Bromofluorobenzene	0.354	0.354	0.379	0.388	0.400	0.385	0.376	5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG No.: Q3615
Instrument ID: MSVOA_Y
Calibration Date/Time: 11/13/2025 09:48
Lab File ID: VY023774.D
Init. Calib. Date(s): 11/04/2025 11/04/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:19 11:27
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.328	0.286		-12.81	20
Chloromethane	0.459	0.421	0.1	-8.28	20
Vinyl Chloride	0.598	0.540		-9.7	20
Bromomethane	0.503	0.419		-16.7	20
Chloroethane	0.413	0.364		-11.86	20
Trichlorofluoromethane	0.842	0.880		4.51	20
1,1,2-Trichlorotrifluoroethane	0.464	0.474		2.15	20
1,1-Dichloroethene	0.447	0.447		0	20
Acetone	0.106	0.112		5.66	20
Carbon Disulfide	1.371	1.363		-0.58	20
Methyl tert-butyl Ether	1.036	1.102		6.37	20
Methyl Acetate	0.234	0.227		-2.99	20
Methylene Chloride	0.512	0.506		-1.17	20
trans-1,2-Dichloroethene	0.504	0.519		2.98	20
1,1-Dichloroethane	0.807	0.849	0.1	5.2	20
Cyclohexane	0.703	0.709		0.85	20
2-Butanone	0.123	0.130		5.69	20
Carbon Tetrachloride	0.492	0.525		6.71	20
cis-1,2-Dichloroethene	0.575	0.590		2.61	20
Bromochloromethane	0.309	0.332		7.44	20
Chloroform	0.901	0.934		3.66	20
1,1,1-Trichloroethane	0.805	0.835		3.73	20
Methylcyclohexane	0.534	0.574		7.49	20
Benzene	1.316	1.422		8.06	20
1,2-Dichloroethane	0.333	0.359		7.81	20
Trichloroethene	0.378	0.392		3.7	20
1,2-Dichloropropane	0.290	0.319		10	20
Bromodichloromethane	0.454	0.495		9.03	20
4-Methyl-2-Pentanone	0.162	0.190		17.28	20
Toluene	0.840	0.923		9.88	20
t-1,3-Dichloropropene	0.384	0.425		10.68	20
cis-1,3-Dichloropropene	0.460	0.507		10.22	20
1,1,2-Trichloroethane	0.241	0.261		8.3	20
2-Hexanone	0.118	0.135		14.41	20
Dibromochloromethane	0.330	0.358		8.48	20
1,2-Dibromoethane	0.226	0.244		7.97	20
Tetrachloroethene	0.520	0.481		-7.5	20
Chlorobenzene	1.089	1.101	0.3	1.1	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: MSVOA_Y Calibration Date/Time: 11/13/2025 09:48

Lab File ID: VY023774.D Init. Calib. Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:19 11:27

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.762	1.980		12.37	20
m/p-Xylenes	0.704	0.783		11.22	20
o-Xylene	0.651	0.741		13.82	20
Styrene	1.074	1.239		15.36	20
Bromoform	0.225	0.256	0.1	13.78	20
Isopropylbenzene	3.344	3.765		12.59	20
1,1,2,2-Tetrachloroethane	0.534	0.588	0.3	10.11	20
1,3-Dichlorobenzene	1.707	1.777		4.1	20
1,4-Dichlorobenzene	1.677	1.701		1.43	20
1,2-Dichlorobenzene	1.471	1.510		2.65	20
1,2-Dibromo-3-Chloropropane	0.082	0.087		6.1	20
1,2,4-Trichlorobenzene	0.842	0.868		3.09	20
1,2,3-Trichlorobenzene	0.703	0.670		-4.69	20
1,2-Dichloroethane-d4	0.427	0.433		1.4	20
Dibromofluoromethane	0.312	0.324		3.85	20
Toluene-d8	1.164	1.231		5.76	20
4-Bromofluorobenzene	0.376	0.495		31.65	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q3615	**OrderDate:**	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Jones Beach Concrete
Contact:	Roland Scardino	**Location:**	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	**East Bathhouse-Concrete**	**SOIL**			**11/12/25**			**11/12/25**
			SVOC-TCL BNA -20	8270E		11/13/25	11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**East Bathhouse- Concrete**								
Q3615-01	East Bathhouse- Concrete	SOIL	n-Hexadecanoic acid	*	100.000	J	0	0	ug/Kg
			Total Tics :		**100.00**				
			Total Concentration:		**100.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/13/25 15:38	PB170528
108-95-2	Phenol	22.0	U	1	22.0	170	ug/Kg	11/13/25 15:38	PB170528
111-44-4	bis(2-Chloroethyl)ether	24.2	U	1	24.2	170	ug/Kg	11/13/25 15:38	PB170528
95-57-8	2-Chlorophenol	24.3	U	1	24.3	170	ug/Kg	11/13/25 15:38	PB170528
95-48-7	2-Methylphenol	29.8	U	1	29.8	170	ug/Kg	11/13/25 15:38	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	37.4	U	1	37.4	170	ug/Kg	11/13/25 15:38	PB170528
98-86-2	Acetophenone	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
65794-96-9	3+4-Methylphenols	41.0	U	1	41.0	330	ug/Kg	11/13/25 15:38	PB170528
621-64-7	n-Nitroso-di-n-propylamine	47.3	U	1	47.3	79.8	ug/Kg	11/13/25 15:38	PB170528
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/13/25 15:38	PB170528
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/13/25 15:38	PB170528
78-59-1	Isophorone	32.7	U	1	32.7	170	ug/Kg	11/13/25 15:38	PB170528
88-75-5	2-Nitrophenol	58.0	U	1	58.0	170	ug/Kg	11/13/25 15:38	PB170528
105-67-9	2,4-Dimethylphenol	64.6	U	1	64.6	170	ug/Kg	11/13/25 15:38	PB170528
111-91-1	bis(2-Chloroethoxy)methane	30.7	U	1	30.7	170	ug/Kg	11/13/25 15:38	PB170528
120-83-2	2,4-Dichlorophenol	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
91-20-3	Naphthalene	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
106-47-8	4-Chloroaniline	35.3	U	1	35.3	170	ug/Kg	11/13/25 15:38	PB170528
87-68-3	Hexachlorobutadiene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
105-60-2	Caprolactam	52.0	U	1	52.0	330	ug/Kg	11/13/25 15:38	PB170528
59-50-7	4-Chloro-3-methylphenol	28.6	U	1	28.6	170	ug/Kg	11/13/25 15:38	PB170528
91-57-6	2-Methylnaphthalene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/13/25 15:38	PB170528
88-06-2	2,4,6-Trichlorophenol	19.7	U	1	19.7	170	ug/Kg	11/13/25 15:38	PB170528
95-95-4	2,4,5-Trichlorophenol	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
92-52-4	1,1-Biphenyl	21.7	U	1	21.7	170	ug/Kg	11/13/25 15:38	PB170528
91-58-7	2-Chloronaphthalene	22.4	U	1	22.4	170	ug/Kg	11/13/25 15:38	PB170528
88-74-4	2-Nitroaniline	48.0	U	1	48.0	170	ug/Kg	11/13/25 15:38	PB170528
131-11-3	Dimethylphthalate	27.0	U	1	27.0	170	ug/Kg	11/13/25 15:38	PB170528
208-96-8	Acenaphthylene	28.8	U	1	28.8	170	ug/Kg	11/13/25 15:38	PB170528
606-20-2	2,6-Dinitrotoluene	33.5	U	1	33.5	170	ug/Kg	11/13/25 15:38	PB170528
99-09-2	3-Nitroaniline	45.9	U	1	45.9	170	ug/Kg	11/13/25 15:38	PB170528
83-32-9	Acenaphthene	21.2	U	1	21.2	170	ug/Kg	11/13/25 15:38	PB170528
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/13/25 15:38	PB170528
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/13/25 15:38	PB170528
132-64-9	Dibenzofuran	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
121-14-2	2,4-Dinitrotoluene	50.0	U	1	50.0	170	ug/Kg	11/13/25 15:38	PB170528
84-66-2	Diethylphthalate	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
7005-72-3	4-Chlorophenyl-phenylether	26.6	U	1	26.6	170	ug/Kg	11/13/25 15:38	PB170528
86-73-7	Fluorene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
100-01-6	4-Nitroaniline	64.0	U	1	64.0	170	ug/Kg	11/13/25 15:38	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/13/25 15:38	PB170528

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.8	U	1	32.8	170	ug/Kg	11/13/25 15:38	PB170528
101-55-3	4-Bromophenyl-phenylether	27.7	U	1	27.7	170	ug/Kg	11/13/25 15:38	PB170528
118-74-1	Hexachlorobenzene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
1912-24-9	Atrazine	33.9	U	1	33.9	170	ug/Kg	11/13/25 15:38	PB170528
87-86-5	Pentachlorophenol	51.2	U	1	51.2	330	ug/Kg	11/13/25 15:38	PB170528
85-01-8	Phenanthrene	20.8	U	1	20.8	170	ug/Kg	11/13/25 15:38	PB170528
120-12-7	Anthracene	33.2	U	1	33.2	170	ug/Kg	11/13/25 15:38	PB170528
86-74-8	Carbazole	31.1	U	1	31.1	170	ug/Kg	11/13/25 15:38	PB170528
84-74-2	Di-n-butylphthalate	47.8	U	1	47.8	170	ug/Kg	11/13/25 15:38	PB170528
206-44-0	Fluoranthene	29.9	U	1	29.9	170	ug/Kg	11/13/25 15:38	PB170528
129-00-0	Pyrene	35.9	U	1	35.9	170	ug/Kg	11/13/25 15:38	PB170528
85-68-7	Butylbenzylphthalate	71.2	U	1	71.2	170	ug/Kg	11/13/25 15:38	PB170528
91-94-1	3,3-Dichlorobenzidine	36.6	U	1	36.6	330	ug/Kg	11/13/25 15:38	PB170528
56-55-3	Benzo(a)anthracene	22.9	U	1	22.9	170	ug/Kg	11/13/25 15:38	PB170528
218-01-9	Chrysene	19.8	U	1	19.8	170	ug/Kg	11/13/25 15:38	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	59.0	U	1	59.0	170	ug/Kg	11/13/25 15:38	PB170528
117-84-0	Di-n-octyl phthalate	86.6	U	1	86.6	330	ug/Kg	11/13/25 15:38	PB170528
205-99-2	Benzo(b)fluoranthene	18.9	U	1	18.9	170	ug/Kg	11/13/25 15:38	PB170528
207-08-9	Benzo(k)fluoranthene	22.3	U	1	22.3	170	ug/Kg	11/13/25 15:38	PB170528
50-32-8	Benzo(a)pyrene	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
53-70-3	Dibenzo(a,h)anthracene	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528
191-24-2	Benzo(g,h,i)perylene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:38	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
123-91-1	1,4-Dioxane	45.1	U	1	45.1	170	ug/Kg	11/13/25 15:38	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528
SURROGATES									
367-12-4	2-Fluorophenol	59.8			10 - 105	40%	SPK: 150		
13127-88-3	Phenol-d6	62.6			10 - 103	42%	SPK: 150		
4165-60-0	Nitrobenzene-d5	48.4			10 - 108	48%	SPK: 100		
321-60-8	2-Fluorobiphenyl	46.7			10 - 108	47%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	53.7			10 - 116	36%	SPK: 150		
1718-51-0	Terphenyl-d14	49.9			10 - 109	50%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	272000							
1146-65-2	Naphthalene-d8	1020000							
15067-26-2	Acenaphthene-d10	617000							
1517-22-2	Phenanthrene-d10	1200000							
1719-03-5	Chrysene-d12	1290000							
1520-96-3	Perylene-d12	1460000							
TENTATIVE IDENTIFIED COMPOUNDS									
000057-10-3	n-Hexadecanoic acid	100	J			18.1	ug/Kg		

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170528BL	PB170528BL	2-Fluorophenol	150	141	94		10	105
		Phenol-d6	150	135	90		10	103
		Nitrobenzene-d5	100	85.8	86		10	108
		2-Fluorobiphenyl	100	88.7	89		10	108
		2,4,6-Tribromophenol	150	130	86		10	116
		Terphenyl-d14	100	90.7	91		10	109
PB170528BS	PB170528BS	2-Fluorophenol	150	126	84		10	105
		Phenol-d6	150	126	84		10	103
		Nitrobenzene-d5	100	78.6	79		10	108
		2-Fluorobiphenyl	100	78.1	78		10	108
		2,4,6-Tribromophenol	150	126	84		10	116
		Terphenyl-d14	100	77.9	78		10	109
Q3609-13MS	AU-713-COMP-05MS	2-Fluorophenol	150	104	69		10	105
		Phenol-d6	150	107	71		10	103
		Nitrobenzene-d5	100	68.8	69		10	108
		2-Fluorobiphenyl	100	67.9	68		10	108
		2,4,6-Tribromophenol	150	108	72		10	116
		Terphenyl-d14	100	71.5	72		10	109
Q3609-13MSD	AU-713-COMP-05MSD	2-Fluorophenol	150	104	69		10	105
		Phenol-d6	150	105	70		10	103
		Nitrobenzene-d5	100	67.3	67		10	108
		2-Fluorobiphenyl	100	66.3	66		10	108
		2,4,6-Tribromophenol	150	106	71		10	116
		Terphenyl-d14	100	75.3	75		10	109
Q3615-01	East Bathhouse- Concrete	2-Fluorophenol	150	59.8	40		10	105
		Phenol-d6	150	62.6	42		10	103
		Nitrobenzene-d5	100	48.4	48		10	108
		2-Fluorobiphenyl	100	46.7	47		10	108
		2,4,6-Tribromophenol	150	53.7	36		10	116
		Terphenyl-d14	100	49.9	50		10	109

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3609-13MS		**Client Sample ID: AU-713-COMP-05MS**									
Benzaldehyde	1200	0	780	ug/Kg	65				20	111	
Phenol	1200	0	1200	ug/Kg	100				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				67	110	
2-Chlorophenol	1200	0	1100	ug/Kg	92				67	119	
2-Methylphenol	1200	0	1100	ug/Kg	92				68	116	
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83				59	113	
Acetophenone	1200	0	1100	ug/Kg	92				55	128	
3+4-Methylphenols	1200	0	1100	ug/Kg	92				70	111	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				65	115	
Nitrobenzene	1200	0	1100	ug/Kg	92				66	120	
Isophorone	1200	0	1100	ug/Kg	92				67	113	
2-Nitrophenol	1200	0	1200	ug/Kg	100				69	135	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				70	112	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				70	121	
Naphthalene	1200	0	1100	ug/Kg	92				66	113	
4-Chloroaniline	1200	0	220	ug/Kg	18				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				67	118	
Caprolactam	1200	0	1200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1200	0	1200	ug/Kg	100				71	118	
2-Methylnaphthalene	1200	0	960	ug/Kg	80				59	123	
Hexachlorocyclopentadiene	2400	0	2200	ug/Kg	92				16	175	
2,4,6-Trichlorophenol	1200	0	1200	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				69	123	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				69	126	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				71	113	
2-Nitroaniline	1200	0	1200	ug/Kg	100				73	125	
Dimethylphthalate	1200	0	1100	ug/Kg	92				72	116	
Acenaphthylene	1200	0	1100	ug/Kg	92				69	128	
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100				67	141	
3-Nitroaniline	1200	0	450	ug/Kg	38				28	102	
Acenaphthene	1200	0	1300	ug/Kg	108				70	121	
2,4-Dinitrophenol	2400	0	2100	ug/Kg	88				10	164	
4-Nitrophenol	2400	0	2400	ug/Kg	100				49	133	
Dibenzofuran	1200	0	1100	ug/Kg	92				71	111	
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100				73	130	
Diethylphthalate	1200	0	1100	ug/Kg	92				73	116	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				72	112	
Fluorene	1200	0	1100	ug/Kg	92				67	114	
4-Nitroaniline	1200	0	1100	ug/Kg	92				61	128	
4,6-Dinitro-2-methylphenol	1200	0	1200	ug/Kg	100				25	163	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200	0	1100	ug/Kg	92				67	118	
Atrazine	1200	0	1100	ug/Kg	92				79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2400	0	2300	ug/Kg	96				39	145	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1100	ug/Kg	92				73	115	
Di-n-butylphthalate	1200	0	1100	ug/Kg	92				72	129	
Fluoranthene	1200	0	1100	ug/Kg	92				31	152	
Pyrene	1200	0	1200	ug/Kg	100				37	122	
Butylbenzylphthalate	1200	0	1100	ug/Kg	92				59	151	
3,3-Dichlorobenzidine	1200	0	380	ug/Kg	32				10	116	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92				64	139	
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92				51	156	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				52	117	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				48	129	
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				40	133	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				65	132	
1,4-Dioxane	1200	0	970	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1300	ug/Kg	108				56	141	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3609-13MSD		**Client Sample ID: AU-713-COMP-05MSD**									
Benzaldehyde	1200	0	760	ug/Kg	63		3		20	111	20
Phenol	1200	0	1100	ug/Kg	92		8		51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		10		67	110	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		67	119	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		68	116	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83		0		59	113	20
Acetophenone	1200	0	1100	ug/Kg	92		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		0		70	111	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83		0		65	115	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		66	120	20
Isophorone	1200	0	1100	ug/Kg	92		0		67	113	20
2-Nitrophenol	1200	0	1100	ug/Kg	92		8		69	135	16
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92		8		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		0		70	112	20
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		70	121	20
Naphthalene	1200	0	1100	ug/Kg	92		0		66	113	20
4-Chloroaniline	1200	0	220	ug/Kg	18		0		10	100	25
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		67	118	16
Caprolactam	1200	0	1200	ug/Kg	100		0		51	134	25
4-Chloro-3-methylphenol	1200	0	1200	ug/Kg	100		0		71	118	20
2-Methylnaphthalene	1200	0	960	ug/Kg	80		0		59	123	20
Hexachlorocyclopentadiene	2400	0	2100	ug/Kg	88		4		16	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		8		67	128	16
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		69	123	16
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		69	126	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		71	113	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		8		73	125	16
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		72	116	20
Acenaphthylene	1200	0	1100	ug/Kg	92		0		69	128	15
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		67	141	20
3-Nitroaniline	1200	0	470	ug/Kg	39		3		28	102	20
Acenaphthene	1200	0	1200	ug/Kg	100		8		70	121	16
2,4-Dinitrophenol	2400	0	2000	ug/Kg	83		6		10	164	30
4-Nitrophenol	2400	0	2300	ug/Kg	96		4		49	133	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		71	111	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92		8		73	130	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		73	116	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		72	112	20
Fluorene	1200	0	1100	ug/Kg	92		0		67	114	20
4-Nitroaniline	1200	0	1000	ug/Kg	83		10		61	128	20
4,6-Dinitro-2-methylphenol	1200	0	1200	ug/Kg	100		0		25	163	30
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		0		67	118	20
Atrazine	1200	0	1100	ug/Kg	92		0		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2400	0	2200	ug/Kg	92		4		39	145	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		73	115	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92		0		72	129	20
Fluoranthene	1200	0	1000	ug/Kg	83		10		31	152	20
Pyrene	1200	0	1200	ug/Kg	100		0		37	122	27
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		8		59	151	20
3,3-Dichlorobenzidine	1200	0	380	ug/Kg	32		0		10	116	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92		0		64	139	20
Di-n-octyl phthalate	1200	0	1000	ug/Kg	83		10		51	156	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		0		52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100		0		48	129	20
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		0		43	123	20
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100		0		40	133	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		65	132	20
1,4-Dioxane	1200	0	900	ug/Kg	75		8		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1200	ug/Kg	100		8		56	141	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BG064758.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170528BS	Benzaldehyde	1700	760	ug/Kg	45				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				75	113	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				61	130	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	820	ug/Kg	48				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				68	108	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				74	106	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70	103	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				76	101	
	Acenaphthylene	1700	1400	ug/Kg	82				76	111	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				78	116	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				73	105	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				59	137	
	4-Nitrophenol	3300	3200	ug/Kg	97				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				78	115	
	Diethylphthalate	1700	1500	ug/Kg	88				76	104	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BG064758.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170528BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				71	122	
	Pentachlorophenol	3300	3100	ug/Kg	94				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Carbazole	1700	1500	ug/Kg	88				76	103	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				75	120	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				31	94	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				77	113	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				76	110	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				71	118	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170528BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab File ID: BG064757.D | Lab Sample ID: PB170528BL

Instrument ID: BNA_G | Date Extracted: 11/13/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/13/2025

Level: (low/med) LOW | Time Analyzed: 15:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170528BS	PB170528BS	BG064758.D	11/13/2025
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025
East Bathhouse- Concrete	Q3615-01	BP026129.D	11/13/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab File ID: BG064744.D | DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	25.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064745.D	11/12/2025	11:17
SSTDICC005	SSTDICC005	BG064746.D	11/12/2025	11:58
SSTDICC010	SSTDICC010	BG064747.D	11/12/2025	12:39
SSTDICC020	SSTDICC020	BG064748.D	11/12/2025	13:20
SSTDICCC040	SSTDICCC040	BG064749.D	11/12/2025	14:00
SSTDICC050	SSTDICC050	BG064750.D	11/12/2025	14:41
SSTDICC060	SSTDICC060	BG064751.D	11/12/2025	15:23
SSTDICC080	SSTDICC080	BG064752.D	11/12/2025	16:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: BG064755.D DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064756.D	11/13/2025	14:35
PB170528BL	PB170528BL	BG064757.D	11/13/2025	15:16
PB170528BS	PB170528BS	BG064758.D	11/13/2025	15:57
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025	18:03
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025	18:43

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab File ID: BP026125.D | DFTPP Injection Date: 11/13/2025

Instrument ID: BNA_P | DFTPP Injection Time: 12:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	79.3
443	15.0 - 24.0% of mass 442	15.5 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026126.D	11/13/2025	13:16
East Bathhouse- Concrete	Q3615-01	BP026129.D	11/13/2025	15:38

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3615

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BG064756.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	35112	8.164	138078	10.98	109512	14.77
	UPPER LIMIT	70224	8.664	276156	11.484	219024	15.274
	LOWER LIMIT	17556	7.664	69039	10.484	54756	14.274
	EPA SAMPLE NO.						
01	PB170528BL	29011	8.17	107778	10.98	85059	14.78
02	PB170528BS	35345	8.17	134884	10.98	109093	14.77
03	AU-713-COMP-05MS	32346	8.17	121484	10.98	96899	14.78
04	AU-713-COMP-05MSD	37173	8.16	139653	10.98	113644	14.78

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3615

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BG064756.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	269959	17.506	348735	21.76	372397	25.015
	UPPER LIMIT	539918	18.006	697470	22.26	744794	25.515
	LOWER LIMIT	134980	17.006	174368	21.26	186199	24.515
	EPA SAMPLE NO.						
01	PB170528BL	213577	17.50	341171	21.75	353663	25.01
02	PB170528BS	277518	17.51	388627	21.76	384250	25.02
03	AU-713-COMP-05MS	237837	17.50	308191	21.76	326854	25.01
04	AU-713-COMP-05MSD	275145	17.50	306388	21.76	312946	25.01

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3615

Client ID : SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BP026126.D Time Analyzed: 13:16

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	326955	7.672	1332770	10.44	834342	14.31
	UPPER LIMIT	653910	8.172	2665540	10.937	1668680	14.807
	LOWER LIMIT	163478	7.172	666385	9.937	417171	13.807
	EPA SAMPLE NO.						
01	East Bathhouse- Concrete	271531	7.67	1023720	10.44	617140	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3615

Client ID: SSTDCCC040 Date Analyzed: 11/13/2025

Lab File ID: BP026126.D Time Analyzed: 13:16

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1683320	17.119	1774810	21.583	1968620	24.918
	UPPER LIMIT	3366640	17.619	3549620	22.083	3937240	25.418
	LOWER LIMIT	841660	16.619	887405	21.083	984310	24.418
	EPA SAMPLE NO.						
01	East Bathhouse- Concrete	1198960	17.13	1286670	21.58	1461060	24.91

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170528BL	SDG No.:	Q3615
Lab Sample ID:	PB170528BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/13/25 15:16	PB170528
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/13/25 15:16	PB170528
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/13/25 15:16	PB170528
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/13/25 15:16	PB170528
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/13/25 15:16	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/13/25 15:16	PB170528
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/13/25 15:16	PB170528
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/13/25 15:16	PB170528
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/13/25 15:16	PB170528
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/13/25 15:16	PB170528
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/13/25 15:16	PB170528
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/13/25 15:16	PB170528
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/13/25 15:16	PB170528
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/13/25 15:16	PB170528
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/13/25 15:16	PB170528
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/13/25 15:16	PB170528
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/13/25 15:16	PB170528
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/13/25 15:16	PB170528
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:16	PB170528
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/13/25 15:16	PB170528
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/13/25 15:16	PB170528
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/13/25 15:16	PB170528
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/13/25 15:16	PB170528
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/13/25 15:16	PB170528
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/13/25 15:16	PB170528
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/13/25 15:16	PB170528
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/13/25 15:16	PB170528
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/13/25 15:16	PB170528
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/13/25 15:16	PB170528
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/13/25 15:16	PB170528
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/13/25 15:16	PB170528
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/13/25 15:16	PB170528
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/13/25 15:16	PB170528
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/13/25 15:16	PB170528
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/13/25 15:16	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/13/25 15:16	PB170528

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170528BL	SDG No.:	Q3615
Lab Sample ID:	PB170528BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/13/25 15:16	PB170528
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/13/25 15:16	PB170528
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/13/25 15:16	PB170528
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/13/25 15:16	PB170528
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/13/25 15:16	PB170528
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/13/25 15:16	PB170528
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/13/25 15:16	PB170528
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/13/25 15:16	PB170528
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/13/25 15:16	PB170528
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/13/25 15:16	PB170528
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/13/25 15:16	PB170528
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/13/25 15:16	PB170528
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/13/25 15:16	PB170528
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/13/25 15:16	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/13/25 15:16	PB170528
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/13/25 15:16	PB170528
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/13/25 15:16	PB170528
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/13/25 15:16	PB170528
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/13/25 15:16	PB170528
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/13/25 15:16	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:16	PB170528
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/13/25 15:16	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/13/25 15:16	PB170528
SURROGATES									
367-12-4	2-Fluorophenol	141			10 - 105	94%	SPK: 150		
13127-88-3	Phenol-d6	135			10 - 103	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.8			10 - 108	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	88.7			10 - 108	89%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	130			10 - 116	86%	SPK: 150		
1718-51-0	Terphenyl-d14	90.7			10 - 109	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	29000							
1146-65-2	Naphthalene-d8	108000							
15067-26-2	Acenaphthene-d10	85100							
1517-22-2	Phenanthrene-d10	214000							
1719-03-5	Chrysene-d12	341000							
1520-96-3	Perylene-d12	354000							

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Jones Beach Concrete			Date Received:	
Client Sample ID:	PB170528BL			SDG No.:	Q3615
Lab Sample ID:	PB170528BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170528BS	SDG No.:	Q3615
Lab Sample ID:	PB170528BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	760		1	160	330	ug/Kg	11/13/25 15:57	PB170528
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	11/13/25 15:57	PB170528
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	11/13/25 15:57	PB170528
95-57-8	2-Chlorophenol	1500		1	24.4	170	ug/Kg	11/13/25 15:57	PB170528
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	11/13/25 15:57	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	11/13/25 15:57	PB170528
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	11/13/25 15:57	PB170528
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/13/25 15:57	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/13/25 15:57	PB170528
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	11/13/25 15:57	PB170528
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	11/13/25 15:57	PB170528
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	11/13/25 15:57	PB170528
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	11/13/25 15:57	PB170528
105-67-9	2,4-Dimethylphenol	1500		1	64.7	170	ug/Kg	11/13/25 15:57	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	11/13/25 15:57	PB170528
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	11/13/25 15:57	PB170528
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	11/13/25 15:57	PB170528
106-47-8	4-Chloroaniline	820		1	35.4	170	ug/Kg	11/13/25 15:57	PB170528
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	11/13/25 15:57	PB170528
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/13/25 15:57	PB170528
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/13/25 15:57	PB170528
77-47-4	Hexachlorocyclopentadiene	2500		1	120	330	ug/Kg	11/13/25 15:57	PB170528
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	11/13/25 15:57	PB170528
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	11/13/25 15:57	PB170528
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	11/13/25 15:57	PB170528
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	11/13/25 15:57	PB170528
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	11/13/25 15:57	PB170528
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	11/13/25 15:57	PB170528
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	11/13/25 15:57	PB170528
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/13/25 15:57	PB170528
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	11/13/25 15:57	PB170528
83-32-9	Acenaphthene	1600		1	21.3	170	ug/Kg	11/13/25 15:57	PB170528
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/13/25 15:57	PB170528
100-02-7	4-Nitrophenol	3200	E	1	110	330	ug/Kg	11/13/25 15:57	PB170528
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/13/25 15:57	PB170528
121-14-2	2,4-Dinitrotoluene	1500		1	50.0	170	ug/Kg	11/13/25 15:57	PB170528
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/13/25 15:57	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	11/13/25 15:57	PB170528
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
100-01-6	4-Nitroaniline	1500		1	64.1	170	ug/Kg	11/13/25 15:57	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	11/13/25 15:57	PB170528

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170528BS	SDG No.:	Q3615
Lab Sample ID:	PB170528BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	11/13/25 15:57	PB170528
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	11/13/25 15:57	PB170528
118-74-1	Hexachlorobenzene	1400		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	11/13/25 15:57	PB170528
87-86-5	Pentachlorophenol	3100	E	1	51.2	330	ug/Kg	11/13/25 15:57	PB170528
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/13/25 15:57	PB170528
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/13/25 15:57	PB170528
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/13/25 15:57	PB170528
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/13/25 15:57	PB170528
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/13/25 15:57	PB170528
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/13/25 15:57	PB170528
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	11/13/25 15:57	PB170528
91-94-1	3,3-Dichlorobenzidine	1000		1	36.7	330	ug/Kg	11/13/25 15:57	PB170528
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/13/25 15:57	PB170528
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/13/25 15:57	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	11/13/25 15:57	PB170528
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	11/13/25 15:57	PB170528
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	11/13/25 15:57	PB170528
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	11/13/25 15:57	PB170528
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/13/25 15:57	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	11/13/25 15:57	PB170528
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	11/13/25 15:57	PB170528
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/13/25 15:57	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	11/13/25 15:57	PB170528
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	11/13/25 15:57	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	11/13/25 15:57	PB170528
SURROGATES									
367-12-4	2-Fluorophenol	126			10 - 105	84%	SPK: 150		
13127-88-3	Phenol-d6	126			10 - 103	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	78.6			10 - 108	79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.1			10 - 108	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			10 - 116	84%	SPK: 150		
1718-51-0	Terphenyl-d14	77.9			10 - 109	78%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	35300							
1146-65-2	Naphthalene-d8	135000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	278000							
1719-03-5	Chrysene-d12	389000							
1520-96-3	Perylene-d12	384000							

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Jones Beach Concrete			Date Received:	
Client Sample ID:	PB170528BS			SDG No.:	Q3615
Lab Sample ID:	PB170528BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MS	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	780		1	110	230	ug/Kg	11/13/25 18:03	PB170528
108-95-2	Phenol	1200		1	15.6	120	ug/Kg	11/13/25 18:03	PB170528
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.1	120	ug/Kg	11/13/25 18:03	PB170528
95-57-8	2-Chlorophenol	1100		1	17.2	120	ug/Kg	11/13/25 18:03	PB170528
95-48-7	2-Methylphenol	1100		1	21.1	120	ug/Kg	11/13/25 18:03	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1000		1	26.5	120	ug/Kg	11/13/25 18:03	PB170528
98-86-2	Acetophenone	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
65794-96-9	3+4-Methylphenols	1100		1	29.0	230	ug/Kg	11/13/25 18:03	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.4	56.4	ug/Kg	11/13/25 18:03	PB170528
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	11/13/25 18:03	PB170528
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	11/13/25 18:03	PB170528
78-59-1	Isophorone	1100		1	23.1	120	ug/Kg	11/13/25 18:03	PB170528
88-75-5	2-Nitrophenol	1200		1	41.1	120	ug/Kg	11/13/25 18:03	PB170528
105-67-9	2,4-Dimethylphenol	1200		1	45.7	120	ug/Kg	11/13/25 18:03	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.7	120	ug/Kg	11/13/25 18:03	PB170528
120-83-2	2,4-Dichlorophenol	1200		1	20.0	120	ug/Kg	11/13/25 18:03	PB170528
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
106-47-8	4-Chloroaniline	220		1	25.0	120	ug/Kg	11/13/25 18:03	PB170528
87-68-3	Hexachlorobutadiene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
105-60-2	Caprolactam	1200		1	36.8	230	ug/Kg	11/13/25 18:03	PB170528
59-50-7	4-Chloro-3-methylphenol	1200		1	20.3	120	ug/Kg	11/13/25 18:03	PB170528
91-57-6	2-Methylnaphthalene	960		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
77-47-4	Hexachlorocyclopentadiene	2200	E	1	81.8	230	ug/Kg	11/13/25 18:03	PB170528
88-06-2	2,4,6-Trichlorophenol	1200		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
95-95-4	2,4,5-Trichlorophenol	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
92-52-4	1,1-Biphenyl	1100		1	15.4	120	ug/Kg	11/13/25 18:03	PB170528
91-58-7	2-Chloronaphthalene	1100		1	15.9	120	ug/Kg	11/13/25 18:03	PB170528
88-74-4	2-Nitroaniline	1200		1	33.9	120	ug/Kg	11/13/25 18:03	PB170528
131-11-3	Dimethylphthalate	1100		1	19.1	120	ug/Kg	11/13/25 18:03	PB170528
208-96-8	Acenaphthylene	1100		1	20.4	120	ug/Kg	11/13/25 18:03	PB170528
606-20-2	2,6-Dinitrotoluene	1200		1	23.7	120	ug/Kg	11/13/25 18:03	PB170528
99-09-2	3-Nitroaniline	450		1	32.5	120	ug/Kg	11/13/25 18:03	PB170528
83-32-9	Acenaphthene	1300		1	15.0	120	ug/Kg	11/13/25 18:03	PB170528
51-28-5	2,4-Dinitrophenol	2100	E	1	160	230	ug/Kg	11/13/25 18:03	PB170528
100-02-7	4-Nitrophenol	2400	E	1	75.5	230	ug/Kg	11/13/25 18:03	PB170528
132-64-9	Dibenzofuran	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
121-14-2	2,4-Dinitrotoluene	1200		1	35.3	120	ug/Kg	11/13/25 18:03	PB170528
84-66-2	Diethylphthalate	1100		1	20.0	120	ug/Kg	11/13/25 18:03	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1100		1	18.8	120	ug/Kg	11/13/25 18:03	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
100-01-6	4-Nitroaniline	1100		1	45.3	120	ug/Kg	11/13/25 18:03	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1200		1	72.7	230	ug/Kg	11/13/25 18:03	PB170528

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MS	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200		1	23.2	120	ug/Kg	11/13/25 18:03	PB170528
101-55-3	4-Bromophenyl-phenylether	1100		1	19.6	120	ug/Kg	11/13/25 18:03	PB170528
118-74-1	Hexachlorobenzene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
1912-24-9	Atrazine	1100		1	24.0	120	ug/Kg	11/13/25 18:03	PB170528
87-86-5	Pentachlorophenol	2300	E	1	36.2	230	ug/Kg	11/13/25 18:03	PB170528
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	11/13/25 18:03	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:03	PB170528
86-74-8	Carbazole	1100		1	22.0	120	ug/Kg	11/13/25 18:03	PB170528
84-74-2	Di-n-butylphthalate	1100		1	33.8	120	ug/Kg	11/13/25 18:03	PB170528
206-44-0	Fluoranthene	1100		1	21.2	120	ug/Kg	11/13/25 18:03	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:03	PB170528
85-68-7	Butylbenzylphthalate	1100		1	50.4	120	ug/Kg	11/13/25 18:03	PB170528
91-94-1	3,3-Dichlorobenzidine	380		1	25.9	230	ug/Kg	11/13/25 18:03	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:03	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1100		1	41.8	120	ug/Kg	11/13/25 18:03	PB170528
117-84-0	Di-n-octyl phthalate	1100		1	61.2	230	ug/Kg	11/13/25 18:03	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:03	PB170528
207-08-9	Benzo(k)fluoranthene	1100		1	15.8	120	ug/Kg	11/13/25 18:03	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
53-70-3	Dibenzo(a,h)anthracene	1200		1	19.3	120	ug/Kg	11/13/25 18:03	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
123-91-1	1,4-Dioxane	970		1	31.9	120	ug/Kg	11/13/25 18:03	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1300		1	19.3	120	ug/Kg	11/13/25 18:03	PB170528
SURROGATES									
367-12-4	2-Fluorophenol	104			10 - 105	69%	SPK: 150		
13127-88-3	Phenol-d6	107			10 - 103	71%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.8			10 - 108	69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	67.9			10 - 108	68%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	108			10 - 116	72%	SPK: 150		
1718-51-0	Terphenyl-d14	71.5			10 - 109	72%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	32300							
1146-65-2	Naphthalene-d8	121000							
15067-26-2	Acenaphthene-d10	96900							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	308000							
1520-96-3	Perylene-d12	327000							

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MS	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MSD	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	760		1	110	230	ug/Kg	11/13/25 18:43	PB170528
108-95-2	Phenol	1100		1	15.6	120	ug/Kg	11/13/25 18:43	PB170528
111-44-4	bis(2-Chloroethyl)ether	1000		1	17.2	120	ug/Kg	11/13/25 18:43	PB170528
95-57-8	2-Chlorophenol	1100		1	17.2	120	ug/Kg	11/13/25 18:43	PB170528
95-48-7	2-Methylphenol	1100		1	21.1	120	ug/Kg	11/13/25 18:43	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1000		1	26.5	120	ug/Kg	11/13/25 18:43	PB170528
98-86-2	Acetophenone	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
65794-96-9	3+4-Methylphenols	1100		1	29.0	230	ug/Kg	11/13/25 18:43	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.5	56.5	ug/Kg	11/13/25 18:43	PB170528
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	11/13/25 18:43	PB170528
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	11/13/25 18:43	PB170528
78-59-1	Isophorone	1100		1	23.2	120	ug/Kg	11/13/25 18:43	PB170528
88-75-5	2-Nitrophenol	1100		1	41.1	120	ug/Kg	11/13/25 18:43	PB170528
105-67-9	2,4-Dimethylphenol	1100		1	45.7	120	ug/Kg	11/13/25 18:43	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.7	120	ug/Kg	11/13/25 18:43	PB170528
120-83-2	2,4-Dichlorophenol	1200		1	20.0	120	ug/Kg	11/13/25 18:43	PB170528
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
106-47-8	4-Chloroaniline	220		1	25.0	120	ug/Kg	11/13/25 18:43	PB170528
87-68-3	Hexachlorobutadiene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
105-60-2	Caprolactam	1200		1	36.8	230	ug/Kg	11/13/25 18:43	PB170528
59-50-7	4-Chloro-3-methylphenol	1200		1	20.3	120	ug/Kg	11/13/25 18:43	PB170528
91-57-6	2-Methylnaphthalene	960		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
77-47-4	Hexachlorocyclopentadiene	2100	E	1	81.9	230	ug/Kg	11/13/25 18:43	PB170528
88-06-2	2,4,6-Trichlorophenol	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
95-95-4	2,4,5-Trichlorophenol	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
92-52-4	1,1-Biphenyl	1100		1	15.4	120	ug/Kg	11/13/25 18:43	PB170528
91-58-7	2-Chloronaphthalene	1100		1	15.9	120	ug/Kg	11/13/25 18:43	PB170528
88-74-4	2-Nitroaniline	1100		1	34.0	120	ug/Kg	11/13/25 18:43	PB170528
131-11-3	Dimethylphthalate	1100		1	19.1	120	ug/Kg	11/13/25 18:43	PB170528
208-96-8	Acenaphthylene	1100		1	20.4	120	ug/Kg	11/13/25 18:43	PB170528
606-20-2	2,6-Dinitrotoluene	1200		1	23.7	120	ug/Kg	11/13/25 18:43	PB170528
99-09-2	3-Nitroaniline	470		1	32.5	120	ug/Kg	11/13/25 18:43	PB170528
83-32-9	Acenaphthene	1200		1	15.0	120	ug/Kg	11/13/25 18:43	PB170528
51-28-5	2,4-Dinitrophenol	2000	E	1	160	230	ug/Kg	11/13/25 18:43	PB170528
100-02-7	4-Nitrophenol	2300	E	1	75.5	230	ug/Kg	11/13/25 18:43	PB170528
132-64-9	Dibenzofuran	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
121-14-2	2,4-Dinitrotoluene	1100		1	35.4	120	ug/Kg	11/13/25 18:43	PB170528
84-66-2	Diethylphthalate	1100		1	20.0	120	ug/Kg	11/13/25 18:43	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1100		1	18.8	120	ug/Kg	11/13/25 18:43	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
100-01-6	4-Nitroaniline	1000		1	45.3	120	ug/Kg	11/13/25 18:43	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1200		1	72.7	230	ug/Kg	11/13/25 18:43	PB170528

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MSD	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200		1	23.2	120	ug/Kg	11/13/25 18:43	PB170528
101-55-3	4-Bromophenyl-phenylether	1200		1	19.6	120	ug/Kg	11/13/25 18:43	PB170528
118-74-1	Hexachlorobenzene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
1912-24-9	Atrazine	1100		1	24.0	120	ug/Kg	11/13/25 18:43	PB170528
87-86-5	Pentachlorophenol	2200	E	1	36.2	230	ug/Kg	11/13/25 18:43	PB170528
85-01-8	Phenanthrene	1100		1	14.8	120	ug/Kg	11/13/25 18:43	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:43	PB170528
86-74-8	Carbazole	1100		1	22.0	120	ug/Kg	11/13/25 18:43	PB170528
84-74-2	Di-n-butylphthalate	1100		1	33.8	120	ug/Kg	11/13/25 18:43	PB170528
206-44-0	Fluoranthene	1000		1	21.2	120	ug/Kg	11/13/25 18:43	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:43	PB170528
85-68-7	Butylbenzylphthalate	1200		1	50.4	120	ug/Kg	11/13/25 18:43	PB170528
91-94-1	3,3-Dichlorobenzidine	380		1	25.9	230	ug/Kg	11/13/25 18:43	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:43	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1100		1	41.8	120	ug/Kg	11/13/25 18:43	PB170528
117-84-0	Di-n-octyl phthalate	1000		1	61.3	230	ug/Kg	11/13/25 18:43	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:43	PB170528
207-08-9	Benzo(k)fluoranthene	1100		1	15.8	120	ug/Kg	11/13/25 18:43	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
53-70-3	Dibenzo(a,h)anthracene	1200		1	19.3	120	ug/Kg	11/13/25 18:43	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
123-91-1	1,4-Dioxane	900		1	31.9	120	ug/Kg	11/13/25 18:43	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1200		1	19.3	120	ug/Kg	11/13/25 18:43	PB170528
SURROGATES									
367-12-4	2-Fluorophenol	104			10 - 105	69%	SPK: 150		
13127-88-3	Phenol-d6	105			10 - 103	70%	SPK: 150		
4165-60-0	Nitrobenzene-d5	67.3			10 - 108	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	66.3			10 - 108	66%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	106			10 - 116	71%	SPK: 150		
1718-51-0	Terphenyl-d14	75.3			10 - 109	75%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	37200							
1146-65-2	Naphthalene-d8	140000							
15067-26-2	Acenaphthene-d10	114000							
1517-22-2	Phenanthrene-d10	275000							
1719-03-5	Chrysene-d12	306000							
1520-96-3	Perylene-d12	313000							

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MSD	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	84.9
Sample Wt/Vol:	50.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064745.D 5 =BG064746.D 10 =BG064747.D 20 =BG064748.D 40 =BG064749.D 50 =BG064750.D 60 =BG064751.D 80 =BG0647
52.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.441	0.455	0.445	0.468	0.452	0.420	0.422	0.443	3.90
3)		Pyridine		1.269	1.297	1.315	1.365	1.355	1.344	1.303	1.321	2.62
4)		n-Nitrosodimet...			0.657	0.664	0.687	0.690	0.672	0.665	0.672	1.95
5)	S	2-Fluorophenol		1.084	1.128	1.165	1.170	1.181	1.151	1.140	1.145	2.85
6)		Aniline		1.783	2.001	2.105	2.109	2.125	2.034	2.057	2.030	5.82
7)	S	Phenol-d6		1.388	1.466	1.539	1.580	1.616	1.535	1.540	1.523	4.95
8)		2-Chlorophenol		1.208	1.221	1.268	1.303	1.318	1.225	1.261	1.258	3.36
9)		Benzaldehyde			1.027	0.980	1.029	0.949	1.004	0.994	0.997	3.01
10)	C	Phenol		1.501	1.584	1.666	1.711	1.774	1.669	1.698	1.657	5.40
11)		bis(2-Chloroet...		1.093	1.141	1.224	1.234	1.224	1.164	1.176	1.179	4.39
12)		1,3-Dichlorobe...		1.410	1.423	1.487	1.492	1.467	1.412	1.440	1.447	2.38
13)	C	1,4-Dichlorobe...		1.434	1.461	1.529	1.501	1.485	1.448	1.456	1.474	2.26
14)		1,2-Dichlorobe...		1.416	1.371	1.444	1.475	1.447	1.429	1.419	1.429	2.27
15)		Benzyl Alcohol			1.055	1.229	1.305	1.338	1.276	1.300	1.250	8.18
16)		2,2'-oxybis(1-...		2.713	2.796	2.959	2.834	2.861	2.687	2.692	2.792	3.63
17)		2-Methylphenol		1.072	1.149	1.196	1.218	1.234	1.156	1.185	1.173	4.61
18)		Hexachloroethane		0.584	0.549	0.572	0.563	0.550	0.541	0.548	0.558	2.76
19)	P	n-Nitroso-di-n...	0.924	0.875	1.015	1.116	1.097	1.138	1.036	1.039	1.030	8.93
20)		3+4-Methylphenols			1.480	1.628	1.649	1.670	1.602	1.610	1.607	4.14
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.465	0.536	0.581	0.561	0.555	0.547	0.571	0.545	7.02
23)	S	Nitrobenzene-d5		0.371	0.378	0.410	0.414	0.416	0.411	0.433	0.405	5.47
24)		Nitrobenzene		0.353	0.398	0.431	0.415	0.417	0.415	0.432	0.409	6.62
25)		Isophorone		0.723	0.760	0.796	0.767	0.785	0.777	0.784	0.770	3.13
26)	C	2-Nitrophenol		0.133	0.175	0.189	0.193	0.194	0.197	0.206	0.184	13.12
27)		2,4-Dimethylph...		0.309	0.301	0.336	0.331	0.334	0.336	0.338	0.327	4.55
28)		bis(2-Chloroet...		0.383	0.419	0.444	0.425	0.432	0.423	0.435	0.423	4.63
29)	C	2,4-Dichloroph...		0.283	0.331	0.367	0.364	0.371	0.365	0.373	0.351	9.39
30)		1,2,4-Trichlor...		0.408	0.417	0.443	0.424	0.418	0.419	0.435	0.423	2.83
31)		Naphthalene		1.076	1.163	1.170	1.141	1.123	1.120	1.145	1.134	2.79
32)		Benzoic acid			0.135	0.166	0.204	0.221	0.255	0.248	0.205	22.85
33)		4-Chloroaniline		0.357	0.452	0.477	0.471	0.472	0.466	0.479	0.454	9.61
34)	C	Hexachlorobuta...		0.365	0.353	0.370	0.366	0.358	0.357	0.374	0.363	2.14
35)		Caprolactam			0.090	0.104	0.103	0.114	0.107	0.111	0.105	8.03
36)	C	4-Chloro-3-met...		0.348	0.388	0.399	0.390	0.402	0.402	0.404	0.390	5.07
37)		2-Methylnaphth...		0.820	0.842	0.902	0.844	0.850	0.835	0.846	0.848	3.03
38)		1-Methylnaphth...		0.844	0.841	0.880	0.834	0.835	0.820	0.845	0.843	2.20

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.756	0.746	0.811	0.782	0.759	0.789	0.806	0.778	3.25
41)	P	Hexachlorocycl...		0.478	0.547	0.560	0.557	0.592	0.612	0.558	8.28
42)	S	2,4,6-Tribromo...	0.346	0.384	0.410	0.386	0.398	0.403	0.404	0.390	5.53
43)	C	2,4,6-Trichlor...	0.386	0.432	0.472	0.465	0.474	0.481	0.487	0.457	7.90
44)		2,4,5-Trichlor...	0.467	0.460	0.546	0.521	0.520	0.531	0.543	0.512	6.82
45)	S	2-Fluorobiphenyl	1.403	1.445	1.509	1.420	1.400	1.434	1.422	1.433	2.58
46)		1,1'-Biphenyl	1.416	1.417	1.498	1.428	1.405	1.441	1.449	1.436	2.17
47)		2-Chloronaphth...	1.124	1.112	1.167	1.120	1.116	1.138	1.146	1.132	1.74
48)		2-Nitroaniline	0.291	0.345	0.373	0.371	0.383	0.391	0.394	0.364	9.94
49)		Acenaphthylene	1.839	1.928	1.996	1.930	1.932	1.967	1.942	1.933	2.51
50)		Dimethylphthalate	1.535	1.569	1.654	1.549	1.580	1.592	1.581	1.580	2.42
51)		2,6-Dinitrotol...	0.265	0.281	0.313	0.305	0.317	0.322	0.325	0.304	7.36
52)	C	Acenaphthene	1.072	1.104	1.169	1.166	1.177	1.213	1.212	1.159	4.56
53)		3-Nitroaniline	0.247	0.277	0.301	0.306	0.320	0.326	0.323	0.300	9.57
54)	P	2,4-Dinitrophenol		0.060	0.114	0.169	0.189	0.198	0.221	0.158	38.04
55)		Dibenzofuran	1.897	1.991	1.994	1.867	1.892	1.889	1.885	1.916	2.75
56)	P	4-Nitrophenol		0.181	0.224	0.241	0.257	0.261	0.264	0.238	13.24
57)		2,4-Dinitrotol...	0.376	0.426	0.477	0.462	0.472	0.489	0.489	0.456	9.08
58)		Fluorene	1.481	1.569	1.595	1.471	1.462	1.475	1.469	1.503	3.65
59)		2,3,4,6-Tetrac...	0.418	0.480	0.521	0.501	0.536	0.543	0.539	0.506	8.85
60)		Diethylphthalate	1.443	1.521	1.585	1.492	1.532	1.520	1.501	1.513	2.84
61)		4-Chlorophenyl...	0.892	0.927	0.940	0.880	0.882	0.894	0.899	0.902	2.53
62)		4-Nitroaniline	0.245	0.288	0.318	0.320	0.335	0.335	0.334	0.311	10.71
63)		Azobenzene	1.244	1.292	1.309	1.235	1.250	1.255	1.227	1.259	2.40
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.073	0.099	0.117	0.121	0.126	0.131	0.111	19.44
66)	c	n-Nitrosodiphe...	0.483	0.531	0.544	0.538	0.519	0.528	0.524	0.524	3.79
67)		4-Bromophenyl-...	0.241	0.263	0.269	0.269	0.259	0.269	0.267	0.263	3.86
68)		Hexachlorobenzene	0.312	0.312	0.326	0.320	0.318	0.317	0.323	0.318	1.67
69)		Atrazine	0.245	0.251	0.257	0.253	0.254	0.253	0.256	0.253	1.53
70)	C	Pentachlorophenol		0.088	0.138	0.160	0.177	0.187	0.193	0.157	24.85
71)		Phenanthrene	1.075	1.118	1.123	1.099	1.081	1.090	1.074	1.094	1.84
72)		Anthracene	1.098	1.122	1.152	1.113	1.099	1.113	1.114	1.116	1.62
73)		Carbazole	0.926	0.987	0.982	0.971	0.944	0.955	0.950	0.959	2.27
74)		Di-n-butylphth...	0.998	1.107	1.105	1.077	1.076	1.070	1.059	1.070	3.41
75)	C	Fluoranthene	1.508	1.558	1.531	1.494	1.461	1.475	1.448	1.496	2.61
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.674	0.631	0.561	0.618	0.552	0.557	0.599	8.29
78)		Pyrene	1.076	1.089	1.145	1.111	1.164	1.136	1.125	1.121	2.78
79)	S	Terphenyl-d14	1.018	1.028	1.060	1.012	1.040	0.993	0.967	1.017	3.01
80)		Butylbenzylpht...	0.377	0.391	0.402	0.391	0.404	0.397	0.398	0.394	2.37
81)		Benzo(a)anthra...	1.338	1.371	1.395	1.379	1.357	1.334	1.346	1.360	1.66
82)		3,3'-Dichlorob...		0.501	0.518	0.517	0.507	0.479	0.481	0.501	3.35
83)		Chrysene	1.266	1.292	1.301	1.309	1.267	1.275	1.264	1.282	1.44
84)		Bis(2-ethylhex...	0.582	0.581	0.598	0.583	0.571	0.564	0.553	0.576	2.54
85)	c	Di-n-octyl pht...		0.993	1.026	1.038	0.983	0.974	0.962	0.996	2.99

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.262	1.324	1.388	1.399	1.404	1.404	1.438	1.374	4.38
88)		Benzo(b)fluora...	1.190	1.250	1.299	1.291	1.279	1.304	1.296	1.273	3.21
89)		Benzo(k)fluora...	1.245	1.296	1.321	1.249	1.279	1.256	1.305	1.279	2.32
90)	C	Benzo(a)pyrene	1.131	1.176	1.197	1.191	1.182	1.189	1.199	1.181	1.99
91)		Dibenzo(a,h)an...	1.026	1.092	1.128	1.151	1.155	1.147	1.180	1.126	4.60
92)		Benzo(g,h,i)pe...	1.000	1.044	1.091	1.105	1.108	1.104	1.131	1.083	4.19

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35

Lab File ID: BG064756.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.131		-1.2	
Benzaldehyde	0.997	0.963		-3.4	
Phenol-d6	1.523	1.539		1.1	
Phenol	1.657	1.683		1.6	20.0
bis(2-Chloroethyl)ether	1.179	1.218		3.3	
2-Chlorophenol	1.258	1.295		2.9	
2-Methylphenol	1.173	1.196		2.0	
2,2-oxybis(1-Chloropropane)	2.792	2.835		1.5	
Acetophenone	0.545	0.557		2.2	
3+4-Methylphenols	1.607	1.614		0.4	
n-Nitroso-di-n-propylamine	1.030	1.080	0.050	4.9	
Nitrobenzene-d5	0.405	0.405		0.0	
Hexachloroethane	0.558	0.545		-2.3	
Nitrobenzene	0.409	0.423		3.4	
Isophorone	0.770	0.773		0.4	
2-Nitrophenol	0.184	0.189		2.7	20.0
2,4-Dimethylphenol	0.327	0.339		3.7	
bis(2-Chloroethoxy)methane	0.423	0.434		2.6	
2,4-Dichlorophenol	0.351	0.364		3.7	20.0
Naphthalene	1.134	1.123		-1.0	
4-Chloroaniline	0.454	0.461		1.5	
Hexachlorobutadiene	0.363	0.358		-1.4	20.0
Caprolactam	0.105	0.103		-1.9	
4-Chloro-3-methylphenol	0.390	0.391		0.3	20.0
2-Methylnaphthalene	0.848	0.841		-0.8	
Hexachlorocyclopentadiene	0.558	0.566	0.050	1.4	
2,4,6-Trichlorophenol	0.457	0.468		2.4	20.0
2-Fluorobiphenyl	1.433	1.435		0.1	
2,4,5-Trichlorophenol	0.512	0.526		2.7	
1,1-Biphenyl	1.436	1.440		0.3	
2-Chloronaphthalene	1.132	1.110		-1.9	
2-Nitroaniline	0.364	0.366		0.5	
Dimethylphthalate	1.580	1.576		-0.3	
Acenaphthylene	1.933	1.930		-0.2	
2,6-Dinitrotoluene	0.304	0.316		3.9	
3-Nitroaniline	0.300	0.315		5.0	
Acenaphthene	1.159	1.191		2.8	20.0
2,4-Dinitrophenol	0.158	0.168	0.050	6.3	
4-Nitrophenol	0.238	0.242	0.050	1.7	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35

Lab File ID: BG064756.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.916	1.896		-1.0	
2,4-Dinitrotoluene	0.456	0.482		5.7	
Diethylphthalate	1.513	1.532		1.3	
4-Chlorophenyl-phenylether	0.902	0.902		0.0	
Fluorene	1.503	1.475		-1.9	
4-Nitroaniline	0.311	0.324		4.2	
4,6-Dinitro-2-methylphenol	0.111	0.123		10.8	
n-Nitrosodiphenylamine	0.524	0.550		5.0	20.0
2,4,6-Tribromophenol	0.390	0.387		-0.8	
4-Bromophenyl-phenylether	0.263	0.273		3.8	
Hexachlorobenzene	0.318	0.328		3.1	
Atrazine	0.253	0.255		0.8	
Pentachlorophenol	0.157	0.168		7.0	20.0
Phenanthrene	1.094	1.107		1.2	
Anthracene	1.116	1.128		1.1	
Carbazole	0.959	0.957		-0.2	
Di-n-butylphthalate	1.070	1.087		1.6	
Fluoranthene	1.496	1.486		-0.7	20.0
Pyrene	1.121	1.181		5.4	
Terphenyl-d14	1.017	1.067		4.9	
Butylbenzylphthalate	0.394	0.404		2.5	
3,3-Dichlorobenzidine	0.501	0.488		-2.6	
Benzo(a)anthracene	1.360	1.363		0.2	
Chrysene	1.282	1.292		0.8	
Bis(2-ethylhexyl)phthalate	0.576	0.582		1.0	
Di-n-octyl phthalate	0.996	0.995		-0.1	20.0
Benzo(b)fluoranthene	1.273	1.277		0.3	
Benzo(k)fluoranthene	1.279	1.262		-1.3	
Benzo(a)pyrene	1.181	1.176		-0.4	20.0
Indeno(1,2,3-cd)pyrene	1.374	1.421		3.4	
Dibenzo(a,h)anthracene	1.126	1.168		3.7	
Benzo(g,h,i)perylene	1.083	1.119		3.3	
1,2,4,5-Tetrachlorobenzene	0.778	0.773		-0.6	
1,4-Dioxane	0.443	0.450		1.6	20.0
2,3,4,6-Tetrachlorophenol	0.506	0.525		3.8	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_P Calibration Date/Time: 11/13/2025 13:16

Lab File ID: BP026126.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.262		4.1	
Benzaldehyde	0.802	0.738		-8.0	
Phenol-d6	1.543	1.607		4.1	
Phenol	1.713	1.751		2.2	20.0
bis(2-Chloroethyl)ether	1.352	1.349		-0.2	
2-Chlorophenol	1.342	1.454		8.3	
2-Methylphenol	1.121	1.157		3.2	
2,2-oxybis(1-Chloropropane)	2.043	1.829		-10.5	
Acetophenone	0.506	0.502		-0.8	
3+4-Methylphenols	1.560	1.591		2.0	
n-Nitroso-di-n-propylamine	0.958	0.967	0.050	0.9	
Nitrobenzene-d5	0.321	0.351		9.3	
Hexachloroethane	0.533	0.568		6.6	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.684		-0.4	
2-Nitrophenol	0.104	0.183		76.0	20.0
2,4-Dimethylphenol	0.289	0.290		0.3	
bis(2-Chloroethoxy)methane	0.433	0.432		-0.2	
2,4-Dichlorophenol	0.305	0.336		10.2	20.0
Naphthalene	1.091	1.092		0.1	
4-Chloroaniline	0.419	0.421		0.5	
Hexachlorobutadiene	0.211	0.220		4.3	20.0
Caprolactam	0.107	0.113		5.6	
4-Chloro-3-methylphenol	0.320	0.343		7.2	20.0
2-Methylnaphthalene	0.763	0.760		-0.4	
Hexachlorocyclopentadiene	0.227	0.250	0.050	10.1	
2,4,6-Trichlorophenol	0.367	0.429		16.9	20.0
2-Fluorobiphenyl	1.392	1.381		-0.8	
2,4,5-Trichlorophenol	0.419	0.476		13.6	
1,1-Biphenyl	1.531	1.521		-0.7	
2-Chloronaphthalene	1.205	1.207		0.2	
2-Nitroaniline	0.272	0.333		22.4	
Dimethylphthalate	1.455	1.498		3.0	
Acenaphthylene	1.756	1.777		1.2	
2,6-Dinitrotoluene	0.237	0.307		29.5	
3-Nitroaniline	0.291	0.350		20.3	
Acenaphthene	1.206	1.181		-2.1	20.0
2,4-Dinitrophenol	0.100	0.156	0.050	56.0	
4-Nitrophenol	0.290	0.315	0.050	8.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3615

Instrument ID: BNA_P Calibration Date/Time: 11/13/2025 13:16

Lab File ID: BP026126.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.821		-0.1	
2,4-Dinitrotoluene	0.347	0.455		31.1	
Diethylphthalate	1.463	1.510		3.2	
4-Chlorophenyl-phenylether	0.713	0.716		0.4	
Fluorene	1.427	1.425		-0.1	
4-Nitroaniline	0.311	0.363		16.7	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.616		-1.4	20.0
2,4,6-Tribromophenol	0.216	0.264		22.2	
4-Bromophenyl-phenylether	0.222	0.228		2.7	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.218		3.3	
Pentachlorophenol	0.154	0.179		16.2	20.0
Phenanthrene	1.164	1.146		-1.5	
Anthracene	1.154	1.163		0.8	
Carbazole	1.092	1.095		0.3	
Di-n-butylphthalate	1.222	1.322		8.2	
Fluoranthene	1.358	1.373		1.1	20.0
Pyrene	1.353	1.357		0.3	
Terphenyl-d14	0.984	1.001		1.7	
Butylbenzylphthalate	0.432	0.579		34.0	
3,3-Dichlorobenzidine	0.443	0.473		6.8	
Benzo(a)anthracene	1.374	1.382		0.6	
Chrysene	1.302	1.288		-1.1	
Bis(2-ethylhexyl)phthalate	0.718	0.863		20.2	
Di-n-octyl phthalate	1.191	1.511		26.9	20.0
Benzo(b)fluoranthene	1.242	1.268		2.1	
Benzo(k)fluoranthene	1.268	1.258		-0.8	
Benzo(a)pyrene	1.141	1.182		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.539		4.3	
Dibenzo(a,h)anthracene	1.202	1.253		4.2	
Benzo(g,h,i)perylene	1.156	1.203		4.1	
1,2,4,5-Tetrachlorobenzene	0.621	0.643		3.5	
1,4-Dioxane	0.511	0.503		-1.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.400		21.2	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q3615	**OrderDate:**	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Jones Beach Concrete
Contact:	Roland Scardino	**Location:**	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	**East Bathhouse-Concrete**	**SOIL**			**11/12/25**			**11/12/25**
			PCB	8082A		11/13/25	11/13/25	
			TPH GC	8015D		11/12/25	11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3615 **Order ID:** Q3615

Client: Core Environmental Consultants and Services, In **Project ID:** Jones Beach Concrete

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
			Total Concentration:	**0.000**				

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	11/13/25 12:21	PB170526
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:21	PB170526
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	11/13/25 12:21	PB170526
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:21	PB170526
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	11/13/25 12:21	PB170526
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	11/13/25 12:21	PB170526
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	11/13/25 12:21	PB170526
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	11/13/25 12:21	PB170526
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	11/13/25 12:21	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	29.3			21 - 165	146%	SPK: 20		
2051-24-3	Decachlorobiphenyl	28.4			10 - 170	142%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3615

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114870.D	PIBLK-PO114870.D	Tetrachloro-m-xyl	1	20	15.5	77		60	140
		Decachlorobiphen	1	20	16.8	84		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.3	86		60	140
I.BLK-PO115071.D	PIBLK-PO115071.D	Tetrachloro-m-xyl	1	20	17.3	87		60	140
		Decachlorobiphen	1	20	17.4	87		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.5	93		60	140
PB170526BL	PB170526BL	Tetrachloro-m-xyl	1	20	21.9	109		21	165
		Decachlorobiphen	1	20	22.6	113		10	170
		Tetrachloro-m-xyl	2	20	20.9	105		21	165
		Decachlorobiphen	2	20	23.6	118		10	170
PB170526BS	PB170526BS	Tetrachloro-m-xyl	1	20	23.6	118		21	165
		Decachlorobiphen	1	20	23.7	118		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	25.0	125		10	170
Q3609-07MS	AU-713-COMP-03MS	Tetrachloro-m-xyl	1	20	21.8	109		21	165
		Decachlorobiphen	1	20	18.5	92		10	170
		Tetrachloro-m-xyl	2	20	21.1	106		21	165
		Decachlorobiphen	2	20	19.5	97		10	170
Q3609-07MSD	AU-713-COMP-03MSD	Tetrachloro-m-xyl	1	20	21.9	109		21	165
		Decachlorobiphen	1	20	18.4	92		10	170
		Tetrachloro-m-xyl	2	20	21.1	105		21	165
		Decachlorobiphen	2	20	19.4	97		10	170
I.BLK-PO115086.D	PIBLK-PO115086.D	Tetrachloro-m-xyl	1	20	16.8	84		60	140
		Decachlorobiphen	1	20	17.0	85		60	140
		Tetrachloro-m-xyl	2	20	14.6	73		60	140
		Decachlorobiphen	2	20	17.8	89		60	140
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP076487.D	PIBLK-PP076487.D	Tetrachloro-m-xyl	1	20	22.6	113		60	140
		Decachlorobiphen	1	20	22.8	114		60	140
		Tetrachloro-m-xyl	2	20	20.7	103		60	140
		Decachlorobiphen	2	20	18.7	94		60	140
Q3615-01	East Bathhouse- Concrete	Tetrachloro-m-xyl	1	20	29.3	146		21	165
		Decachlorobiphen	1	20	28.4	142		10	170
		Tetrachloro-m-xyl	2	20	26.6	133		21	165
		Decachlorobiphen	2	20	23.6	118		10	170
I.BLK-PP076502.D	PIBLK-PP076502.D	Tetrachloro-m-xyl	1	20	22.1	111		60	140

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Surrogate Summary

SDG No.: Q3615

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP076502.D	PIBLK-PP076502.D	Decachlorobiphen	1	20	21.6	108		60	140
		Tetrachloro-m-xyl	2	20	19.1	96		60	140
		Decachlorobiphen	2	20	18.2	91		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PO115077.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3609-07MS (Column 1)**	**Client Sample ID:**		**AU-713-COMP-03MS**								
	AR1016	195.1	0	858	ug/kg	440	*			39	159	
	AR1260	195.1	0	244	ug/kg	125				19	160	
Lab Sample ID:	**Q3609-07MS (Column 2)**	**Client Sample ID:**		**AU-713-COMP-03MS**								
	AR1016	195.1	0	425	ug/kg	218	*			39	159	
	AR1260	195.1	0	320	ug/kg	164	*			19	160	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PO115078.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3609-07MSD (Column 1)**	**Client Sample ID:**		**AU-713-COMP-03MSD**								
	AR1016	194.9	0	889	ug/kg	456	*	4		39	159	21
	AR1260	194.9	0	247	ug/kg	127		2		19	160	15
Lab Sample ID:	**Q3609-07MSD (Column 2)**	**Client Sample ID:**		**AU-713-COMP-03MSD**								
	AR1016	194.9	0	415	ug/kg	213	*	2		39	159	21
	AR1260	194.9	0	332	ug/kg	170	*	4		19	160	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **Datafile :** PO115073.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170526BS (Column 1)	AR1016	166.6	150	ug/kg	90				71	120	
	AR1260	166.6	141	ug/kg	85				65	130	
PB170526BS (Column 2)	AR1016	166.6	143	ug/kg	86				71	120	
	AR1260	166.6	136	ug/kg	82				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170526BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3615

Lab Sample ID: PB170526BL | Lab File ID: PO115072.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/13/2025

Date Analyzed (1): 11/13/2025 | Date Analyzed (2): 11/13/2025

Time Analyzed (1): 12:11 | Time Analyzed (2): 12:11

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170526BS	PB170526BS	PO115073.D	11/13/2025	11/13/2025
AU-713-COMP-03MS	Q3609-07MS	PO115077.D	11/13/2025	11/13/2025
AU-713-COMP-03MSD	Q3609-07MSD	PO115078.D	11/13/2025	11/13/2025
East Bathhouse- Concrete	Q3615-01	PP076490.D	11/13/2025	11/13/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1260-4	(4)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.35	6.36	6.35	6.35	6.36	6.35	6.25	6.45
Aroclor-1248-5	(5)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1254-1	(1)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.21	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.35	4.35	4.35	4.35	4.35	4.35	4.25	4.45

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_O **Calibration Date(s):** 11/04/2025 11/04/2025

Calibration Times: 09:39 18:31

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114871.D RT 750 = PO114872.D

RT 500 = PO114873.D RT 250 = PO114874.D RT 050 = PO114875.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.97	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.68	5.68	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CORE02
SDG NO.: Q3615
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	235183609	242405119	252300612	252330724	247880040	246020021	3
Aroclor-1016-2	(2)	380671765	391174169	403435360	408228592	401844700	397070917	3
Aroclor-1016-3	(3)	214892716	220811199	230510330	231508016	217282560	223000964	3
Aroclor-1016-4	(4)	180735079	184273587	191842228	192742164	194782360	188875084	3
Aroclor-1016-5	(5)	166479276	173610481	179587174	180772736	190536000	178197133	5
Aroclor-1260-1	(1)	291080181	301659089	311914366	329562032	293951540	305633442	5
Aroclor-1260-2	(2)	393658847	402595176	414352186	418536840	350242960	395877202	7
Aroclor-1260-3	(3)	331096941	340266576	347857958	348147780	291720640	331817979	7
Aroclor-1260-4	(4)	303823322	310642864	321126472	321507392	268000240	305020058	7
Aroclor-1260-5	(5)	714393776	724690244	737226162	719415648	670367440	713218654	3
Decachlorobiphenyl		4451734610	4516548787	4612561720	4524869360	3995527600	4420248415	6
Tetrachloro-m-xylene		7020403280	7162783533	7307727940	7156075200	6543618600	7038121711	4
Aroclor-1242-1	(1)	180395803	184480117	189796832	192180524	184350480	186240751	2
Aroclor-1242-2	(2)	290607708	295647931	305830174	302003732	299791360	298776181	2
Aroclor-1242-3	(3)	164449629	167684461	173929682	174410736	176369820	171368866	3
Aroclor-1242-4	(4)	136844790	140633719	146402846	139660276	152376540	143183634	4
Aroclor-1242-5	(5)	138362947	141839337	145002188	138385972	141196180	140957325	2
Decachlorobiphenyl		4729850460	4804993427	4858375920	4746069120	4160138600	4659885505	6
Tetrachloro-m-xylene		7348004600	7445204373	7532777260	7262019280	6694579200	7256516943	5
Aroclor-1248-1	(1)	130126160	135244476	137909000	141742196	154206600	139845686	6
Aroclor-1248-2	(2)	182893435	187680161	194064692	196392780	211353600	194476934	5
Aroclor-1248-3	(3)	203368877	206306241	213983954	212927108	217587500	210834736	3
Aroclor-1248-4	(4)	240181487	246210361	255848644	255957264	264773260	252594203	4
Aroclor-1248-5	(5)	225312398	230738423	239469078	240115800	243213880	235769916	3
Decachlorobiphenyl		4590720290	4647354867	4744288880	4661202760	4211361200	4570985599	5
Tetrachloro-m-xylene		7316541360	7442934853	7528054520	7402608560	7218400400	7381707939	2
Aroclor-1254-1	(1)	240591852	247416493	258765478	257075152	263299240	253429643	3
Aroclor-1254-2	(2)	346021204	353529297	371589652	368897016	412184820	370444398	7
Aroclor-1254-3	(3)	372893964	380446979	397009938	384293176	389678940	384864599	2
Aroclor-1254-4	(4)	315539209	321424513	336840998	326904952	342871860	328716306	3
Aroclor-1254-5	(5)	295373361	300690525	312155076	300474784	300573260	301853401	2
Decachlorobiphenyl		4791769470	4896862187	5061968640	4831244600	4661831200	4848735219	3
Tetrachloro-m-xylene		7410585440	7526809333	7802184660	7481754040	7408041400	7525874975	2
Aroclor-1268-1	(1)	876279188	885717404	893041022	887529864	813508780	871215252	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	748334854	756337347	765525536	759915712	702804360	746583562	3
Aroclor-1268-3	(3)	663299706	672085827	679866912	671661004	617886840	660960058	4
Aroclor-1268-4	(4)	274155738	277531193	282310020	282161716	286808980	280593529	2
Aroclor-1268-5	(5)	1966581606	1979440064	1985729368	1956798376	1807416340	1939193151	4
Decachlorobiphenyl		8288385350	8396434587	8504946880	8419357920	7722111200	8266247187	4
Tetrachloro-m-xylene		7475792880	7636683133	7655291620	7597134240	7121440400	7497268455	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CORE02
SDG NO.: Q3615
Calibration Date(s): 11/04/2025 11/04/2025
Calibration Times: 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114871.D CF 750 = PO114872.D
CF 500 = PO114873.D CF 250 = PO114874.D CF 050 = PO114875.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	178795127	185535456	193106802	200932132	192907960	190255495	4
Aroclor-1016-2	(2)	260787154	267435697	277593168	286495324	262010880	270864445	4
Aroclor-1016-3	(3)	140310175	144533207	150201526	154962192	149858780	147973176	4
Aroclor-1016-4	(4)	108607533	112021955	117721682	122827936	125909940	117417809	6
Aroclor-1016-5	(5)	142235561	147493437	153611756	157990124	162236540	152713484	5
Aroclor-1260-1	(1)	272865489	283696256	302549666	306994580	314431380	296107474	5
Aroclor-1260-2	(2)	410849028	420744668	440173148	441650472	436738740	430031211	3
Aroclor-1260-3	(3)	328919579	344471297	362206406	366201912	353957800	351151399	4
Aroclor-1260-4	(4)	295043629	302500340	313130718	316509244	287959420	303028670	4
Aroclor-1260-5	(5)	819932115	830411719	851082708	846532168	760181660	821628074	4
Decachlorobiphenyl		3768213910	3862452533	4051635320	3997632280	3839185200	3903823849	3
Tetrachloro-m-xylene		4444199150	4532189360	4610968540	4573862320	4172678600	4466779594	4
Aroclor-1242-1	(1)	138347633	144438088	149108388	148877560	150336280	146221590	3
Aroclor-1242-2	(2)	199908386	204961789	213926082	211880332	205062860	207147890	3
Aroclor-1242-3	(3)	108216818	112229521	116418372	113485296	109537600	111977521	3
Aroclor-1242-4	(4)	101919263	105301932	110004430	109236748	109193360	107131147	3
Aroclor-1242-5	(5)	135980897	140103160	145653410	150301700	142549620	142917757	4
Decachlorobiphenyl		4093300380	4301738307	4403735460	4338775160	4380898600	4303689581	3
Tetrachloro-m-xylene		4800115840	4683347560	4961464680	4527345840	4437059000	4681866584	4
Aroclor-1248-1	(1)	101027399	105625799	111262386	113093188	115539800	109309714	5
Aroclor-1248-2	(2)	136540550	142594189	148530518	152692968	164144180	148900481	7
Aroclor-1248-3	(3)	143887712	149887199	155474250	158349236	169440400	155407759	6
Aroclor-1248-4	(4)	171266913	177666692	184171754	187513908	195642380	183252329	5
Aroclor-1248-5	(5)	174649655	180220384	187038042	189642400	190092660	184328628	3
Decachlorobiphenyl		4076042330	4166088587	4290124020	4403270520	4144788800	4216062851	3
Tetrachloro-m-xylene		4758509080	4829545453	4892334280	4811209560	4727034000	4803726475	1
Aroclor-1254-1	(1)	275439068	284238351	300243386	299923620	341055960	300180077	8
Aroclor-1254-2	(2)	245333366	253279232	267984098	268318040	313122940	269607535	9
Aroclor-1254-3	(3)	398238109	410614839	430545692	426530308	445294740	422244738	4
Aroclor-1254-4	(4)	284785979	294895399	305027804	301955520	300306220	297394184	3
Aroclor-1254-5	(5)	385708423	392326712	409498118	398089984	402006780	397526003	2
Decachlorobiphenyl		4273373360	4367226933	4604811080	4533103920	4272134600	4410129979	3
Tetrachloro-m-xylene		4791085320	4887004773	5044010700	4876428000	4843036000	4888312959	2
Aroclor-1268-1	(1)	948830555	965398547	981732904	993582148	991082540	976125339	2

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Aroclor-1268-2	(2)	784312077	796694211	811227528	817006596	768929160	795633914	2
Aroclor-1268-3	(3)	672635507	681509284	695723330	696225136	632763280	675771307	4
Aroclor-1268-4	(4)	270862616	275402580	280086838	282372280	267609400	275266743	2
Aroclor-1268-5	(5)	1768544208	1786014605	1818457210	1831952004	1717683400	1784530285	2
Decachlorobiphenyl		7349980390	7437822467	7706201340	7861559120	8321979800	7735508623	5
Tetrachloro-m-xylene		4791521570	4902547960	4915920660	4883273320	4724156000	4843483902	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.55	4.45	4.65	84124000
		2	4.63	4.53	4.73	60183600
		3	4.71	4.61	4.81	193335000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	150015000
		2	5.22	5.12	5.32	72567400
		3	5.51	5.41	5.61	158675000
		4	5.67	5.57	5.77	73795600
		5	5.76	5.66	5.86	51580600
Aroclor-1262	500	1	7.70	7.60	7.80	453404000
		2	8.23	8.13	8.33	707198000
		3	8.53	8.43	8.63	451420000
		4	8.62	8.52	8.72	336186000
		5	9.24	9.14	9.34	241816000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_O **Date(s) Analyzed:** 11/04/2025 11/04/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.86	3.76	3.96	61799200
		2	3.95	3.85	4.05	45637000
		3	4.02	3.92	4.12	140257000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	111493000
		2	4.75	4.65	4.85	112095000
		3	4.92	4.82	5.02	59654200
		4	5.01	4.91	5.11	50889000
		5	5.18	5.08	5.28	56587600
Aroclor-1262	500	1	6.76	6.66	6.86	494206000
		2	7.26	7.16	7.36	795090000
		3	7.54	7.44	7.64	329028000
		4	7.61	7.51	7.71	538192000
		5	8.10	8.00	8.20	238020000

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CORE02
SDG NO.: Q3615
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CORE02
SDG NO.: Q3615
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:43 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 09:43 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115067.D **Time Analyzed:** 09:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.486	5.387	5.587	497.130	500.000	-0.6
Aroclor-1016-2	5.508	5.408	5.608	494.520	500.000	-1.1
Aroclor-1016-3	5.570	5.470	5.670	511.420	500.000	2.3
Aroclor-1016-4	5.666	5.566	5.766	498.630	500.000	-0.3
Aroclor-1016-5	5.957	5.858	6.058	488.530	500.000	-2.3
Aroclor-1260-1	7.070	6.971	7.171	466.870	500.000	-6.6
Aroclor-1260-2	7.324	7.225	7.425	505.050	500.000	1.0
Aroclor-1260-3	7.681	7.582	7.782	501.150	500.000	0.2
Aroclor-1260-4	7.903	7.803	8.003	495.530	500.000	-0.9
Aroclor-1260-5	8.210	8.110	8.310	487.850	500.000	-2.4
Decachlorobiphenyl	9.929	9.830	10.030	49.920	50.000	-0.2
Tetrachloro-m-xylene	4.347	4.248	4.448	51.210	50.000	2.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115067.D **Time Analyzed:** 09:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.628	4.828	486.870	500.000	-2.6
Aroclor-1016-2	4.745	4.647	4.847	490.870	500.000	-1.8
Aroclor-1016-3	4.919	4.821	5.021	496.780	500.000	-0.6
Aroclor-1016-4	4.961	4.864	5.064	496.970	500.000	-0.6
Aroclor-1016-5	5.173	5.076	5.276	493.030	500.000	-1.4
Aroclor-1260-1	6.204	6.106	6.306	467.570	500.000	-6.5
Aroclor-1260-2	6.391	6.294	6.494	462.450	500.000	-7.5
Aroclor-1260-3	6.543	6.446	6.646	467.390	500.000	-6.5
Aroclor-1260-4	7.015	6.917	7.117	475.890	500.000	-4.8
Aroclor-1260-5	7.255	7.158	7.358	467.640	500.000	-6.5
Decachlorobiphenyl	8.638	8.541	8.741	51.050	50.000	2.1
Tetrachloro-m-xylene	3.648	3.548	3.748	49.180	50.000	-1.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:09 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.57	5.47	5.67	0.00
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-2	(2)	7.32	7.33	7.23	7.43	0.01
Aroclor-1260-3	(3)	7.68	7.68	7.58	7.78	0.00
Aroclor-1260-4	(4)	7.90	7.90	7.80	8.00	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.35	4.25	4.45	0.00
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 11/04/2025 11/04/2025

Continuing Calib Time: 16:09 **Initial Calibration Time(s):** 09:39 18:31

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115082.D **Time Analyzed:** 16:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.485	5.387	5.587	497.520	500.000	-0.5
Aroclor-1016-2	5.507	5.408	5.608	485.700	500.000	-2.9
Aroclor-1016-3	5.569	5.470	5.670	506.150	500.000	1.2
Aroclor-1016-4	5.665	5.566	5.766	492.600	500.000	-1.5
Aroclor-1016-5	5.956	5.858	6.058	478.720	500.000	-4.3
Aroclor-1260-1	7.070	6.971	7.171	469.500	500.000	-6.1
Aroclor-1260-2	7.324	7.225	7.425	504.990	500.000	1.0
Aroclor-1260-3	7.681	7.582	7.782	499.300	500.000	-0.1
Aroclor-1260-4	7.903	7.803	8.003	486.490	500.000	-2.7
Aroclor-1260-5	8.210	8.110	8.310	482.670	500.000	-3.5
Decachlorobiphenyl	9.930	9.830	10.030	48.900	50.000	-2.2
Tetrachloro-m-xylene	4.346	4.248	4.448	50.980	50.000	2.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/04/2025 11/04/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO115082.D **Time Analyzed:** 16:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.628	4.828	485.160	500.000	-3.0
Aroclor-1016-2	4.745	4.647	4.847	486.630	500.000	-2.7
Aroclor-1016-3	4.920	4.821	5.021	496.470	500.000	-0.7
Aroclor-1016-4	4.961	4.864	5.064	493.430	500.000	-1.3
Aroclor-1016-5	5.173	5.076	5.276	495.990	500.000	-0.8
Aroclor-1260-1	6.203	6.106	6.306	460.310	500.000	-7.9
Aroclor-1260-2	6.391	6.294	6.494	452.250	500.000	-9.6
Aroclor-1260-3	6.544	6.446	6.646	457.870	500.000	-8.4
Aroclor-1260-4	7.015	6.917	7.117	466.890	500.000	-6.6
Aroclor-1260-5	7.256	7.158	7.358	466.250	500.000	-6.8
Decachlorobiphenyl	8.639	8.541	8.741	50.550	50.000	1.1
Tetrachloro-m-xylene	3.648	3.548	3.748	49.510	50.000	-1.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 10:22 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 10:22 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.77	3.78	3.68	3.88	0.01
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076483.D **Time Analyzed:** 10:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.791	5.695	5.895	555.270	500.000	11.1
Aroclor-1016-2	5.813	5.717	5.917	558.660	500.000	11.7
Aroclor-1016-3	5.876	5.780	5.980	566.670	500.000	13.3
Aroclor-1016-4	5.973	5.877	6.077	589.070	500.000	17.8
Aroclor-1016-5	6.265	6.169	6.369	581.940	500.000	16.4
Aroclor-1260-1	7.384	7.287	7.487	597.430	500.000	19.5
Aroclor-1260-2	7.637	7.540	7.740	588.990	500.000	17.8
Aroclor-1260-3	7.993	7.899	8.099	565.600	500.000	13.1
Aroclor-1260-4	8.222	8.127	8.327	587.500	500.000	17.5
Aroclor-1260-5	8.548	8.452	8.652	557.700	500.000	11.5
Decachlorobiphenyl	10.414	10.319	10.519	51.470	50.000	2.9
Tetrachloro-m-xylene	4.638	4.542	4.742	55.020	50.000	10.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076483.D **Time Analyzed:** 10:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.869	4.778	4.978	534.270	500.000	6.9
Aroclor-1016-2	4.927	4.836	5.036	547.220	500.000	9.4
Aroclor-1016-3	5.047	4.954	5.154	471.120	500.000	-5.8
Aroclor-1016-4	5.087	4.996	5.196	553.910	500.000	10.8
Aroclor-1016-5	5.301	5.210	5.410	504.950	500.000	1.0
Aroclor-1260-1	6.329	6.238	6.438	547.410	500.000	9.5
Aroclor-1260-2	6.516	6.425	6.625	570.640	500.000	14.1
Aroclor-1260-3	6.670	6.578	6.778	541.850	500.000	8.4
Aroclor-1260-4	7.138	7.047	7.247	579.430	500.000	15.9
Aroclor-1260-5	7.378	7.287	7.487	549.210	500.000	9.8
Decachlorobiphenyl	8.770	8.682	8.882	46.560	50.000	-6.9
Tetrachloro-m-xylene	3.774	3.681	3.881	54.780	50.000	9.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

Continuing Calib Date: 11/13/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076498.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.789	5.695	5.895	530.640	500.000	6.1
Aroclor-1016-2	5.811	5.717	5.917	538.090	500.000	7.6
Aroclor-1016-3	5.873	5.780	5.980	554.420	500.000	10.9
Aroclor-1016-4	5.970	5.877	6.077	563.300	500.000	12.7
Aroclor-1016-5	6.263	6.169	6.369	554.730	500.000	10.9
Aroclor-1260-1	7.381	7.287	7.487	570.430	500.000	14.1
Aroclor-1260-2	7.634	7.540	7.740	567.830	500.000	13.6
Aroclor-1260-3	7.993	7.899	8.099	588.380	500.000	17.7
Aroclor-1260-4	8.220	8.127	8.327	579.720	500.000	15.9
Aroclor-1260-5	8.545	8.452	8.652	545.360	500.000	9.1
Decachlorobiphenyl	10.408	10.319	10.519	49.930	50.000	-0.1
Tetrachloro-m-xylene	4.636	4.542	4.742	52.430	50.000	4.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3615

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076498.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.778	4.978	505.390	500.000	1.1
Aroclor-1016-2	4.927	4.836	5.036	500.680	500.000	0.1
Aroclor-1016-3	5.047	4.954	5.154	500.710	500.000	0.1
Aroclor-1016-4	5.088	4.996	5.196	509.680	500.000	1.9
Aroclor-1016-5	5.301	5.210	5.410	507.050	500.000	1.4
Aroclor-1260-1	6.329	6.238	6.438	584.480	500.000	16.9
Aroclor-1260-2	6.517	6.425	6.625	566.140	500.000	13.2
Aroclor-1260-3	6.670	6.578	6.778	548.930	500.000	9.8
Aroclor-1260-4	7.138	7.047	7.247	578.240	500.000	15.6
Aroclor-1260-5	7.379	7.287	7.487	535.110	500.000	7.0
Decachlorobiphenyl	8.770	8.682	8.882	45.660	50.000	-8.7
Tetrachloro-m-xylene	3.776	3.681	3.881	51.520	50.000	3.0

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q3615

Project: Jones Beach Concrete **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	9.93	4.35
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	9.93	4.35
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	9.93	4.35
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	9.93	4.35
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	9.93	4.35
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	9.93	4.35
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	9.93	4.35
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	9.93	4.35
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	9.93	4.35
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	9.93	4.35
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	9.93	4.35
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	9.93	4.35
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	9.93	4.35
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	9.93	4.35
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	9.93	4.35
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	9.93	4.35
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	9.93	4.35
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	9.93	4.35
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	9.93	4.35
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	9.93	4.35
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	9.93	4.35
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	9.93	4.35
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	9.93	4.35
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	9.95	4.37
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	9.93	4.35
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	9.93	4.35
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	9.93	4.35
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	9.93	4.35
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/13/2025	09:43	PO115067.D	9.93	4.35
I.BLK	I.BLK	11/13/2025	11:05	PO115071.D	9.93	4.35
PB170526BL	PB170526BL	11/13/2025	12:11	PO115072.D	9.95	4.35
PB170526BS	PB170526BS	11/13/2025	12:29	PO115073.D	9.93	4.35
AU-713-COMP-03MS	Q3609-07MS	11/13/2025	13:42	PO115077.D	9.93	4.35
AU-713-COMP-03MSD	Q3609-07MSD	11/13/2025	14:00	PO115078.D	9.93	4.35
AR1660CCC500	AR1660CCC500	11/13/2025	16:09	PO115082.D	9.93	4.35
I.BLK	I.BLK	11/13/2025	17:59	PO115086.D	9.93	4.35
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65

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Analytical Sequence

AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	11/13/2025	10:22	PP076483.D	10.41	4.64
I.BLK	I.BLK	11/13/2025	11:32	PP076487.D	10.41	4.64
East Bathhouse- Concrete	Q3615-01	11/13/2025	12:21	PP076490.D	10.41	4.64
AR1660CCC500	AR1660CCC500	11/13/2025	16:01	PP076498.D	10.41	4.64
I.BLK	I.BLK	11/13/2025	17:39	PP076502.D	10.41	4.64

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q3615

Project: Jones Beach Concrete **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/04/2025 11/04/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/04/2025	09:21	PO114870.D	8.64	3.65
AR1660ICC1000	AR1660ICC1000	11/04/2025	09:39	PO114871.D	8.64	3.65
AR1660ICC750	AR1660ICC750	11/04/2025	09:58	PO114872.D	8.64	3.65
AR1660ICC500	AR1660ICC500	11/04/2025	10:16	PO114873.D	8.64	3.65
AR1660ICC250	AR1660ICC250	11/04/2025	10:34	PO114874.D	8.64	3.65
AR1660ICC050	AR1660ICC050	11/04/2025	10:53	PO114875.D	8.64	3.65
AR1221ICC500	AR1221ICC500	11/04/2025	11:11	PO114876.D	8.64	3.65
AR1232ICC500	AR1232ICC500	11/04/2025	11:30	PO114877.D	8.64	3.65
AR1242ICC1000	AR1242ICC1000	11/04/2025	11:48	PO114878.D	8.64	3.65
AR1242ICC750	AR1242ICC750	11/04/2025	12:06	PO114879.D	8.64	3.65
AR1242ICC500	AR1242ICC500	11/04/2025	12:25	PO114880.D	8.64	3.65
AR1242ICC250	AR1242ICC250	11/04/2025	12:42	PO114881.D	8.64	3.65
AR1242ICC050	AR1242ICC050	11/04/2025	13:00	PO114882.D	8.64	3.65
AR1248ICC1000	AR1248ICC1000	11/04/2025	13:19	PO114883.D	8.64	3.65
AR1248ICC750	AR1248ICC750	11/04/2025	13:37	PO114884.D	8.64	3.65
AR1248ICC500	AR1248ICC500	11/04/2025	13:56	PO114885.D	8.64	3.65
AR1248ICC250	AR1248ICC250	11/04/2025	14:14	PO114886.D	8.64	3.65
AR1248ICC050	AR1248ICC050	11/04/2025	14:33	PO114887.D	8.64	3.65
AR1254ICC1000	AR1254ICC1000	11/04/2025	14:51	PO114888.D	8.64	3.65
AR1254ICC750	AR1254ICC750	11/04/2025	15:09	PO114889.D	8.64	3.65
AR1254ICC500	AR1254ICC500	11/04/2025	15:28	PO114890.D	8.64	3.65
AR1254ICC250	AR1254ICC250	11/04/2025	16:04	PO114891.D	8.64	3.65
AR1254ICC050	AR1254ICC050	11/04/2025	16:23	PO114892.D	8.64	3.65
AR1262ICC500	AR1262ICC500	11/04/2025	17:00	PO114893.D	8.64	3.65
AR1268ICC1000	AR1268ICC1000	11/04/2025	17:18	PO114894.D	8.64	3.65
AR1268ICC750	AR1268ICC750	11/04/2025	17:36	PO114895.D	8.64	3.65
AR1268ICC500	AR1268ICC500	11/04/2025	17:55	PO114896.D	8.64	3.65
AR1268ICC250	AR1268ICC250	11/04/2025	18:13	PO114897.D	8.64	3.65
AR1268ICC050	AR1268ICC050	11/04/2025	18:31	PO114898.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/13/2025	09:43	PO115067.D	8.64	3.65
I.BLK	I.BLK	11/13/2025	11:05	PO115071.D	8.64	3.65
PB170526BL	PB170526BL	11/13/2025	12:11	PO115072.D	8.64	3.65
PB170526BS	PB170526BS	11/13/2025	12:29	PO115073.D	8.64	3.65
AU-713-COMP-03MS	Q3609-07MS	11/13/2025	13:42	PO115077.D	8.64	3.65
AU-713-COMP-03MSD	Q3609-07MSD	11/13/2025	14:00	PO115078.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/13/2025	16:09	PO115082.D	8.64	3.65
I.BLK	I.BLK	11/13/2025	17:59	PO115086.D	8.64	3.65
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78

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Analytical Sequence

AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	11/13/2025	10:22	PP076483.D	8.77	3.77
I.BLK	I.BLK	11/13/2025	11:32	PP076487.D	8.77	3.78
East Bathhouse- Concrete	Q3615-01	11/13/2025	12:21	PP076490.D	8.77	3.78
AR1660CCC500	AR1660CCC500	11/13/2025	16:01	PP076498.D	8.77	3.78
I.BLK	I.BLK	11/13/2025	17:39	PP076502.D	8.77	3.78

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170526BL	SDG No.:	Q3615
Lab Sample ID:	PB170526BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	11/13/25 12:11	PB170526
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:11	PB170526
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	11/13/25 12:11	PB170526
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:11	PB170526
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	11/13/25 12:11	PB170526
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	11/13/25 12:11	PB170526
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	11/13/25 12:11	PB170526
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	11/13/25 12:11	PB170526
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	11/13/25 12:11	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.6			10 - 170	118%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/04/25
Project:	Jones Beach Concrete	Date Received:	11/04/25
Client Sample ID:	PIBLK-PO114870.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PO114870.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/04/25	po110425
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/04/25	po110425
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/04/25	po110425
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/04/25	po110425
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/04/25	po110425
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/04/25	po110425
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/04/25	po110425
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/04/25	po110425
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/04/25	po110425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.5			60 - 140	77%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.8			60 - 140	84%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/13/25
Project:	Jones Beach Concrete	Date Received:	11/13/25
Client Sample ID:	PIBLK-PO115071.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PO115071.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/13/25	po111325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/13/25	po111325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/13/25	po111325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/13/25	po111325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/13/25	po111325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/13/25	po111325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/13/25	po111325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/13/25	po111325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/13/25	po111325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.3			60 - 140	86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.4			60 - 140	87%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/13/25
Project:	Jones Beach Concrete	Date Received:	11/13/25
Client Sample ID:	PIBLK-PO115086.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PO115086.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/13/25	po111325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/13/25	po111325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/13/25	po111325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/13/25	po111325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/13/25	po111325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/13/25	po111325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/13/25	po111325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/13/25	po111325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/13/25	po111325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	14.6			60 - 140	73%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.0			60 - 140	85%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/21/25
Project:	Jones Beach Concrete	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140	96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/13/25
Project:	Jones Beach Concrete	Date Received:	11/13/25
Client Sample ID:	PIBLK-PP076487.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PP076487.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/13/25	pp111325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/13/25	pp111325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/13/25	pp111325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/13/25	pp111325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/13/25	pp111325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/13/25	pp111325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/13/25	pp111325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/13/25	pp111325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/13/25	pp111325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.7			60 - 140	103%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.7			60 - 140	94%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/13/25
Project:	Jones Beach Concrete	Date Received:	11/13/25
Client Sample ID:	PIBLK-PP076502.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-PP076502.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	11/13/25	pp111325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	11/13/25	pp111325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	11/13/25	pp111325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	11/13/25	pp111325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	11/13/25	pp111325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	11/13/25	pp111325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	11/13/25	pp111325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	11/13/25	pp111325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	11/13/25	pp111325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.1			60 - 140	96%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.2			60 - 140	91%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170526BS	SDG No.:	Q3615
Lab Sample ID:	PB170526BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	150		1	3.90	17.0	ug/kg	11/13/25 12:29	PB170526
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:29	PB170526
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	11/13/25 12:29	PB170526
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	11/13/25 12:29	PB170526
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	11/13/25 12:29	PB170526
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	11/13/25 12:29	PB170526
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	11/13/25 12:29	PB170526
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	11/13/25 12:29	PB170526
11096-82-5	Aroclor-1260	141		1	3.20	17.0	ug/kg	11/13/25 12:29	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			21 - 165	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.0			10 - 170	125%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-03MS	SDG No.:	Q3615
Lab Sample ID:	Q3609-07MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.3
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	858	EP	1	4.60	19.9	ug/kg	11/13/25 13:42	PB170526
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.9	ug/kg	11/13/25 13:42	PB170526
11141-16-5	Aroclor-1232	4.40	U	1	4.40	19.9	ug/kg	11/13/25 13:42	PB170526
53469-21-9	Aroclor-1242	4.70	U	1	4.70	19.9	ug/kg	11/13/25 13:42	PB170526
12672-29-6	Aroclor-1248	6.90	U	1	6.90	19.9	ug/kg	11/13/25 13:42	PB170526
11097-69-1	Aroclor-1254	3.80	U	1	3.80	19.9	ug/kg	11/13/25 13:42	PB170526
37324-23-5	Aroclor-1262	5.90	U	1	5.90	19.9	ug/kg	11/13/25 13:42	PB170526
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.9	ug/kg	11/13/25 13:42	PB170526
11096-82-5	Aroclor-1260	320		1	3.80	19.9	ug/kg	11/13/25 13:42	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.5			10 - 170	97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-03MSD	SDG No.:	Q3615
Lab Sample ID:	Q3609-07MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.3
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	889	EP	1	4.60	19.9	ug/kg	11/13/25 14:00	PB170526
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.9	ug/kg	11/13/25 14:00	PB170526
11141-16-5	Aroclor-1232	4.40	U	1	4.40	19.9	ug/kg	11/13/25 14:00	PB170526
53469-21-9	Aroclor-1242	4.70	U	1	4.70	19.9	ug/kg	11/13/25 14:00	PB170526
12672-29-6	Aroclor-1248	6.90	U	1	6.90	19.9	ug/kg	11/13/25 14:00	PB170526
11097-69-1	Aroclor-1254	3.80	U	1	3.80	19.9	ug/kg	11/13/25 14:00	PB170526
37324-23-5	Aroclor-1262	5.90	U	1	5.90	19.9	ug/kg	11/13/25 14:00	PB170526
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.9	ug/kg	11/13/25 14:00	PB170526
11096-82-5	Aroclor-1260	332		1	3.80	19.9	ug/kg	11/13/25 14:00	PB170526
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			10 - 170	97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q3615	**OrderDate:**	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Jones Beach Concrete
Contact:	Roland Scardino	**Location:**	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	**East Bathhouse-Concrete**	**SOIL**			**11/12/25**			**11/12/25**
			PCB	8082A		11/13/25	11/13/25	
			TPH GC	8015D		11/12/25	11/13/25	

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.04 g Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541 Prep Date: 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	2610	J	1	383	2830	ug/kg	11/13/25 0:17	PB170519
SURROGATES									
16416-32-3	TETRACOSANE-d50	12.2			37 - 130	61%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL TPH GC SURROGATE RECOVERY

Lab Name: Alliance Client: Core Environmental Consultants and Service

Lab Code: ACE SDG No.: Q3615

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016666.D	88				0
PIBLK-FF016674.D	90				0
PB170519BL	81				0
PB170519BS	85				0
East Bathhouse- Concrete	61				0
East Bathhouse- ConcreteMS	53				0
East Bathhouse- ConcreteMSD	51				0

	QC LIMITS
TETRACOSANE-d50	For Water : 29-130 For Soil : 37-130

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Services,

Lab Code: ACE **SDG No:** Q3615

Client Sample ID : East Bathhouse- ConcreteMS **Datafile:** FF016672.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	11299	2610	12304	86%		68-131

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SOIL TPH GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Services,

Lab Code: ACE **SDG No:** Q3615

Client Sample ID : East Bathhouse- ConcreteMSD **Datafile:** FF016673.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
Petroleum Hydrocarbons	11307	2610	11884	82%		68-131

MS/MSD % Recovery RPD : 4.5

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SOIL TPH GC LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance
Client: Core Environmental Consultants and Services, Inc.
Lab Code: ACE
SDG No: Q3615
Client Sample ID : PB170519BS
Datafile: FF016670.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
Petroleum Hydrocarbons	11322	0	9967	88	68-131

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB170519BL

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3615

Lab File ID: FF016669.D Lab Sample ID: PB170519BL

Instrument ID: FF Date Extracted: 11/12/2025

Matrix: (soil/water) Soil Date Analyzed: 11/12/25

Level: (low/med) low Time Analyzed: 23:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170519BS	PB170519BS	FF016670.D	11/12/25
East Bathhouse- Concrete	Q3615-01	FF016671.D	11/13/25
East Bathhouse- ConcreteMS	Q3615-01MS	FF016672.D	11/13/25
East Bathhouse- ConcreteMSD	Q3615-01MSD	FF016673.D	11/13/25

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170519BL	SDG No.:	Q3615
Lab Sample ID:	PB170519BL	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.02 g Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541 Prep Date: 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	384	U	1	384	2830	ug/kg	11/12/25 23:19	PB170519
SURROGATES									
16416-32-3	TETRACOSANE-d50	16.2			37 - 130	81%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	PIBLK-FF016666.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-FF016666.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	12.0	U	1	12.0	85.0	ug/L	11/12/25	FF111225
SURROGATES									
16416-32-3	TETRACOSANE-d50	17.6			29 - 130	88%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/13/25
Project:	Jones Beach Concrete	Date Received:	11/13/25
Client Sample ID:	PIBLK-FF016674.D	SDG No.:	Q3615
Lab Sample ID:	I.BLK-FF016674.D	Matrix:	Water
Analytical Method:	8015D TPH	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3510 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	12.0	U	1	12.0	85.0	ug/L	11/13/25	FF111225
SURROGATES									
16416-32-3	TETRACOSANE-d50	18.1			29 - 130	90%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Jones Beach Concrete	Date Received:	
Client Sample ID:	PB170519BS	SDG No.:	Q3615
Lab Sample ID:	PB170519BS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1 mL	Test: TPH GC
Prep Method:	SW3541	Prep Date: 11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	9970		1	384	2830	ug/kg	11/12/25 23:48	PB170519
SURROGATES									
16416-32-3	TETRACOSANE-d50	17.1			37 - 130	85%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- ConcreteMS	SDG No.:	Q3615
Lab Sample ID:	Q3615-01MS	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.09 g Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541 Prep Date: 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	12300		1	383	2830	ug/kg	11/13/25 0:47	PB170519
SURROGATES									
16416-32-3	TETRACOSANE-d50	10.5			37 - 130	53%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- ConcreteMSD	SDG No.:	Q3615
Lab Sample ID:	Q3615-01MSD	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	100
Sample Wt/Vol:	30.07 g Final Vol: 1 mL	Test:	TPH GC
Prep Method:	SW3541 Prep Date: 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	11900		1	383	2830	ug/kg	11/13/25 1:16	PB170519
SURROGATES									
16416-32-3	TETRACOSANE-d50	10.2			37 - 130	51%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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TPH GC INITIAL CALIBRATION SUMMARY

Lab Name: Alliance
Contract: CORE02
ProjectID: Jones Beach Concrete
Lab Code: ACE
SDG No.: Q3615

Calibration Sequence : FF102925		Test : TPH GC	
Concentration (PPM)	**Area Count**	**Reference Factor**	**File ID**
85	9472915	111446	FF016603.D
170	18165984	106859	FF016604.D
340	37023074	108891	FF016605.D
850	89698209	105527	FF016606.D
1700	169764046	99861	FF016607.D

AVG RF : 106517 **% RSD : 4.074** **AVG RT : 15.059**

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TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02

ProjectID: Jones Beach Concrete

Lab Code: ACE SDG No.: Q3615

DataFile: FF016667.D Analyst Name: YP\AJ Analyst Date: 11-12-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	86283341	101510	106517	4.701

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TPH GC CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: CORE02

ProjectID: Jones Beach Concrete

Lab Code: ACE SDG No.: Q3615

DataFile: FF016675.D Analyst Name: YP\AJ Analyst Date: 11-13-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
850	89011068	104719	106517	1.688

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Analytical Sequence

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Project: Jones Beach Concrete **Instrument ID:** FID_F

GC Column: RXI-1MS **ID:** 0.18 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **15.059**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	I.BLK01	12 Nov 2025 21:21	FF016666.D	15.056	
50 PPM TRPH STD	50 PPM TRPH STD	12 Nov 2025 21:50	FF016667.D	15.057	
PB170519BL	PB170519BL	12 Nov 2025 23:19	FF016669.D	15.054	
PB170519BS	PB170519BS	12 Nov 2025 23:48	FF016670.D	15.054	
East Bathhouse- Concrete	Q3615-01	13 Nov 2025 00:17	FF016671.D	15.053	
East Bathhouse- ConcreteMS	Q3615-01MS	13 Nov 2025 00:47	FF016672.D	15.054	
East Bathhouse- ConcreteMSD	Q3615-01MSD	13 Nov 2025 01:16	FF016673.D	15.053	
PIBLK02	I.BLK02	13 Nov 2025 01:46	FF016674.D	15.054	
50 PPM TRPH STD	50 PPM TRPH STD	13 Nov 2025 02:15	FF016675.D	15.057	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	14.959	15.159

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LAB CHRONICLE

OrderID:	Q3615	**OrderDate:**	11/12/2025 1:09:05 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Jones Beach Concrete
Contact:	Roland Scardino	**Location:**	J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	**East Bathhouse-Concrete**	**SOIL**			**11/12/25**			**11/12/25**
			Mercury	7471B		11/12/25	11/13/25	
			Metals ICP-TAL	6010D		11/13/25	11/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3615 **Order ID:** Q3615

Client: Core Environmental Consultants and Services, Inc. **Project ID:** Jones Beach Concrete

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**East Bathhouse- Concrete**							
Q3615-01	East Bathhouse- Concrete	SOIL	Aluminum	1470		0.75	4.48	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Arsenic	2.09		0.17	0.90	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Barium	18.1		0.66	4.48	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Beryllium	0.097	J	0.022	0.27	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Calcium	18600		9.96	89.7	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Chromium	4.37		0.042	0.45	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Cobalt	0.62	J	0.090	1.35	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Copper	1.98		0.20	0.90	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Iron	2070		3.58	4.48	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Lead	3.51		0.12	0.54	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Magnesium	431		10.8	89.7	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Manganese	33.7		0.13	0.90	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Nickel	1.95		0.12	1.79	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Potassium	267		24.8	89.7	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Silver	0.13	J	0.11	0.45	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Sodium	113		16.0	89.7	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Vanadium	5.74		0.22	1.79	mg/Kg
Q3615-01	East Bathhouse- Concrete	SOIL	Zinc	6.37		0.21	1.79	mg/Kg

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/12/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete	SDG No.:	Q3615
Lab Sample ID:	Q3615-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1470		1	0.75	4.48	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.24	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-38-2	Arsenic	2.09		1	0.17	0.90	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-39-3	Barium	18.1	N	1	0.66	4.48	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-41-7	Beryllium	0.097	J	1	0.022	0.27	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-43-9	Cadmium	0.022	U	1	0.022	0.27	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-70-2	Calcium	18600		1	9.96	89.7	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-47-3	Chromium	4.37		1	0.042	0.45	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-48-4	Cobalt	0.62	J	1	0.090	1.35	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-50-8	Copper	1.98		1	0.20	0.90	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7439-89-6	Iron	2070	*	1	3.58	4.48	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7439-92-1	Lead	3.51		1	0.12	0.54	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7439-95-4	Magnesium	431		1	10.8	89.7	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7439-96-5	Manganese	33.7	*	1	0.13	0.90	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7439-97-6	Mercury	0.0070	UN	1	0.0070	0.012	mg/Kg	11/12/25 16:50	11/13/25 12:27	7471B	
7440-02-0	Nickel	1.95		1	0.12	1.79	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-09-7	Potassium	267	N	1	24.8	89.7	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7782-49-2	Selenium	0.23	UN	1	0.23	0.90	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-22-4	Silver	0.13	J	1	0.11	0.45	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-23-5	Sodium	113	N*	1	16.0	89.7	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.79	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-62-2	Vanadium	5.74	N	1	0.22	1.79	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050
7440-66-6	Zinc	6.37	N*	1	0.21	1.79	mg/Kg	11/13/25 10:55	11/13/25 14:03	6010D	SW3050

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV113	Mercury	3.89	4.0	97	90 - 110	CV	11/13/2025	11:43	lb137881

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV72	Mercury	5.21	5.0	104	90 - 110	CV	11/13/2025	11:48	lb137881
CCV73	Mercury	5.26	5.0	105	90 - 110	CV	11/13/2025	12:20	lb137881
CCV74	Mercury	5.30	5.0	106	90 - 110	CV	11/13/2025	12:43	lb137881

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7770	8000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Antimony	4060	4000	102	90 - 110	P	11/13/2025	13:12	LB137889
	Arsenic	4010	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Barium	7920	8000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Beryllium	198	200	99	90 - 110	P	11/13/2025	13:12	LB137889
	Cadmium	1990	2000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Calcium	19500	20000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Chromium	793	800	99	90 - 110	P	11/13/2025	13:12	LB137889
	Cobalt	1940	2000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Copper	999	1000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Iron	4020	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Lead	3920	4000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Magnesium	19500	20000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Manganese	1970	2000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Nickel	1950	2000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Potassium	19900	20000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Selenium	4000	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Silver	1050	1000	106	90 - 110	P	11/13/2025	13:12	LB137889
	Sodium	20700	20000	104	90 - 110	P	11/13/2025	13:12	LB137889
	Thallium	4080	4000	102	90 - 110	P	11/13/2025	13:12	LB137889
	Vanadium	1960	2000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Zinc	1940	2000	97	90 - 110	P	11/13/2025	13:12	LB137889

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	90.7	100	91	80 - 120	P	11/13/2025	13:16	LB137889
	Antimony	51.3	50.0	103	80 - 120	P	11/13/2025	13:16	LB137889
	Arsenic	19.4	20.0	97	80 - 120	P	11/13/2025	13:16	LB137889
	Barium	98.8	100	99	80 - 120	P	11/13/2025	13:16	LB137889
	Beryllium	6.44	6.0	107	80 - 120	P	11/13/2025	13:16	LB137889
	Cadmium	6.14	6.0	102	80 - 120	P	11/13/2025	13:16	LB137889
	Calcium	2150	2000	107	80 - 120	P	11/13/2025	13:16	LB137889
	Chromium	9.82	10.0	98	80 - 120	P	11/13/2025	13:16	LB137889
	Cobalt	30.2	30.0	101	80 - 120	P	11/13/2025	13:16	LB137889
	Copper	22.5	20.0	112	80 - 120	P	11/13/2025	13:16	LB137889
	Iron	116	100	116	80 - 120	P	11/13/2025	13:16	LB137889
	Lead	12.0	12.0	100	80 - 120	P	11/13/2025	13:16	LB137889
	Magnesium	2230	2000	112	80 - 120	P	11/13/2025	13:16	LB137889
	Manganese	21.9	20.0	109	80 - 120	P	11/13/2025	13:16	LB137889
	Nickel	40.8	40.0	102	80 - 120	P	11/13/2025	13:16	LB137889
	Potassium	2060	2000	103	80 - 120	P	11/13/2025	13:16	LB137889
	Selenium	23.9	20.0	120	80 - 120	P	11/13/2025	13:16	LB137889
	Silver	10.7	10.0	107	80 - 120	P	11/13/2025	13:16	LB137889
	Sodium	1960	2000	98	80 - 120	P	11/13/2025	13:16	LB137889
	Thallium	33.4	40.0	84	80 - 120	P	11/13/2025	13:16	LB137889
	Vanadium	35.3	40.0	88	80 - 120	P	11/13/2025	13:16	LB137889
	Zinc	42.2	40.0	106	80 - 120	P	11/13/2025	13:16	LB137889

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9670	10000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Antimony	4950	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Arsenic	4930	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Barium	9720	10000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	13:46	LB137889
	Cadmium	2470	2500	99	90 - 110	P	11/13/2025	13:46	LB137889
	Calcium	24400	25000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Chromium	1000	1000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Cobalt	2460	2500	98	90 - 110	P	11/13/2025	13:46	LB137889
	Copper	1240	1250	99	90 - 110	P	11/13/2025	13:46	LB137889
	Iron	5050	5000	101	90 - 110	P	11/13/2025	13:46	LB137889
	Lead	4930	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Magnesium	24200	25000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Manganese	2420	2500	97	90 - 110	P	11/13/2025	13:46	LB137889
	Nickel	2470	2500	99	90 - 110	P	11/13/2025	13:46	LB137889
	Potassium	25100	25000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Selenium	5000	5000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Silver	1260	1250	101	90 - 110	P	11/13/2025	13:46	LB137889
	Sodium	25400	25000	102	90 - 110	P	11/13/2025	13:46	LB137889
	Thallium	4940	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Vanadium	2420	2500	97	90 - 110	P	11/13/2025	13:46	LB137889
	Zinc	2490	2500	100	90 - 110	P	11/13/2025	13:46	LB137889
CCV02	Aluminum	9750	10000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Antimony	4920	5000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Arsenic	4900	5000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Barium	9830	10000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Beryllium	247	250	99	90 - 110	P	11/13/2025	14:35	LB137889
	Cadmium	2410	2500	96	90 - 110	P	11/13/2025	14:35	LB137889
	Calcium	24400	25000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Chromium	973	1000	97	90 - 110	P	11/13/2025	14:35	LB137889
	Cobalt	2410	2500	96	90 - 110	P	11/13/2025	14:35	LB137889
	Copper	1220	1250	98	90 - 110	P	11/13/2025	14:35	LB137889
	Iron	4940	5000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Lead	4830	5000	96	90 - 110	P	11/13/2025	14:35	LB137889

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	11/13/2025	14:35	LB137889
	Manganese	2450	2500	98	90 - 110	P	11/13/2025	14:35	LB137889
	Nickel	2420	2500	97	90 - 110	P	11/13/2025	14:35	LB137889
	Potassium	24700	25000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Selenium	4960	5000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Silver	1230	1250	99	90 - 110	P	11/13/2025	14:35	LB137889
	Sodium	24600	25000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Thallium	5060	5000	101	90 - 110	P	11/13/2025	14:35	LB137889
	Vanadium	2440	2500	98	90 - 110	P	11/13/2025	14:35	LB137889
	Zinc	2470	2500	99	90 - 110	P	11/13/2025	14:35	LB137889
CCV03	Aluminum	9520	10000	95	90 - 110	P	11/13/2025	15:48	LB137889
	Antimony	4900	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Arsenic	4890	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Barium	9650	10000	96	90 - 110	P	11/13/2025	15:48	LB137889
	Beryllium	239	250	96	90 - 110	P	11/13/2025	15:48	LB137889
	Cadmium	2420	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Calcium	24000	25000	96	90 - 110	P	11/13/2025	15:48	LB137889
	Chromium	982	1000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Cobalt	2430	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Copper	1220	1250	98	90 - 110	P	11/13/2025	15:48	LB137889
	Iron	4980	5000	100	90 - 110	P	11/13/2025	15:48	LB137889
	Lead	4860	5000	97	90 - 110	P	11/13/2025	15:48	LB137889
	Magnesium	23800	25000	95	90 - 110	P	11/13/2025	15:48	LB137889
	Manganese	2430	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Nickel	2420	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Potassium	24500	25000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Selenium	4910	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Silver	1240	1250	99	90 - 110	P	11/13/2025	15:48	LB137889
	Sodium	24600	25000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Thallium	4720	5000	94	90 - 110	P	11/13/2025	15:48	LB137889
	Vanadium	2380	2500	95	90 - 110	P	11/13/2025	15:48	LB137889
	Zinc	2490	2500	100	90 - 110	P	11/13/2025	15:48	LB137889
CCV04	Aluminum	9930	10000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Antimony	5020	5000	100	90 - 110	P	11/13/2025	16:36	LB137889

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Barium	9900	10000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Beryllium	252	250	101	90 - 110	P	11/13/2025	16:36	LB137889
	Cadmium	2500	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Calcium	25000	25000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Chromium	1020	1000	102	90 - 110	P	11/13/2025	16:36	LB137889
	Cobalt	2490	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Copper	1260	1250	101	90 - 110	P	11/13/2025	16:36	LB137889
	Iron	5170	5000	103	90 - 110	P	11/13/2025	16:36	LB137889
	Lead	5010	5000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Magnesium	24800	25000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Manganese	2510	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Nickel	2490	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Potassium	25300	25000	101	90 - 110	P	11/13/2025	16:36	LB137889
	Selenium	5040	5000	101	90 - 110	P	11/13/2025	16:36	LB137889
	Silver	1280	1250	102	90 - 110	P	11/13/2025	16:36	LB137889
	Sodium	24600	25000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Thallium	4710	5000	94	90 - 110	P	11/13/2025	16:36	LB137889
	Vanadium	2480	2500	99	90 - 110	P	11/13/2025	16:36	LB137889
	Zinc	2580	2500	103	90 - 110	P	11/13/2025	16:36	LB137889
CCV05	Aluminum	9830	10000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Antimony	4940	5000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Arsenic	4900	5000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Barium	9920	10000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Cadmium	2420	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Calcium	24700	25000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Chromium	983	1000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Cobalt	2430	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Copper	1230	1250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Iron	4970	5000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Lead	4860	5000	97	90 - 110	P	11/13/2025	17:27	LB137889
	Magnesium	24600	25000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Manganese	2490	2500	100	90 - 110	P	11/13/2025	17:27	LB137889

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Potassium	25200	25000	101	90 - 110	P	11/13/2025	17:27	LB137889
	Selenium	4910	5000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Silver	1230	1250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Sodium	25800	25000	103	90 - 110	P	11/13/2025	17:27	LB137889
	Thallium	4590	5000	92	90 - 110	P	11/13/2025	17:27	LB137889
	Vanadium	2470	2500	99	90 - 110	P	11/13/2025	17:27	LB137889
	Zinc	2510	2500	100	90 - 110	P	11/13/2025	17:27	LB137889
CCV06	Aluminum	9780	10000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Antimony	4960	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Arsenic	4940	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Barium	9800	10000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	18:17	LB137889
	Cadmium	2440	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Calcium	24700	25000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Chromium	1010	1000	101	90 - 110	P	11/13/2025	18:17	LB137889
	Cobalt	2450	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Copper	1240	1250	99	90 - 110	P	11/13/2025	18:17	LB137889
	Iron	5190	5000	104	90 - 110	P	11/13/2025	18:17	LB137889
	Lead	4900	5000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Magnesium	24700	25000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Manganese	2490	2500	100	90 - 110	P	11/13/2025	18:17	LB137889
	Nickel	2440	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Potassium	31800	25000	127	90 - 110	P	11/13/2025	18:17	LB137889
	Selenium	4940	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Silver	1260	1250	101	90 - 110	P	11/13/2025	18:17	LB137889
	Sodium	37900	25000	152	90 - 110	P	11/13/2025	18:17	LB137889
	Thallium	4580	5000	92	90 - 110	P	11/13/2025	18:17	LB137889
	Vanadium	2450	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Zinc	2580	2500	103	90 - 110	P	11/13/2025	18:17	LB137889
CCV07	Aluminum	9900	10000	99	90 - 110	P	11/13/2025	18:38	LB137889
	Antimony	5020	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Arsenic	5010	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Barium	9930	10000	99	90 - 110	P	11/13/2025	18:38	LB137889

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	248	250	99	90 - 110	P	11/13/2025	18:38	LB137889
	Cadmium	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Calcium	25000	25000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Chromium	1010	1000	101	90 - 110	P	11/13/2025	18:38	LB137889
	Cobalt	2480	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Copper	1260	1250	100	90 - 110	P	11/13/2025	18:38	LB137889
	Iron	5130	5000	103	90 - 110	P	11/13/2025	18:38	LB137889
	Lead	4960	5000	99	90 - 110	P	11/13/2025	18:38	LB137889
	Magnesium	24900	25000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Manganese	2530	2500	101	90 - 110	P	11/13/2025	18:38	LB137889
	Nickel	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Potassium	33000	25000	132	90 - 110	P	11/13/2025	18:38	LB137889
	Selenium	4990	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Silver	1270	1250	101	90 - 110	P	11/13/2025	18:38	LB137889
	Sodium	41600	25000	166	90 - 110	P	11/13/2025	18:38	LB137889
	Thallium	4530	5000	91	90 - 110	P	11/13/2025	18:38	LB137889
	Vanadium	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Zinc	2610	2500	104	90 - 110	P	11/13/2025	18:38	LB137889

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.15	0.2	75	70 - 130	CV	11/13/2025	11:53	lb137881
CRI01	Aluminum	94.7	100	95	65 - 135	P	11/13/2025	13:25	LB137889
	Antimony	48.2	50.0	96	65 - 135	P	11/13/2025	13:25	LB137889
	Arsenic	22.3	20.0	111	65 - 135	P	11/13/2025	13:25	LB137889
	Barium	104	100	104	65 - 135	P	11/13/2025	13:25	LB137889
	Beryllium	6.50	6.0	108	65 - 135	P	11/13/2025	13:25	LB137889
	Cadmium	6.14	6.0	102	65 - 135	P	11/13/2025	13:25	LB137889
	Calcium	2160	2000	108	65 - 135	P	11/13/2025	13:25	LB137889
	Chromium	10.3	10.0	103	65 - 135	P	11/13/2025	13:25	LB137889
	Cobalt	30.6	30.0	102	65 - 135	P	11/13/2025	13:25	LB137889
	Copper	22.9	20.0	115	65 - 135	P	11/13/2025	13:25	LB137889
	Iron	89.0	100	89	65 - 135	P	11/13/2025	13:25	LB137889
	Lead	14.4	12.0	120	65 - 135	P	11/13/2025	13:25	LB137889
	Magnesium	2190	2000	109	65 - 135	P	11/13/2025	13:25	LB137889
	Manganese	21.2	20.0	106	65 - 135	P	11/13/2025	13:25	LB137889
	Nickel	41.1	40.0	103	65 - 135	P	11/13/2025	13:25	LB137889
	Potassium	2030	2000	102	65 - 135	P	11/13/2025	13:25	LB137889
	Selenium	25.8	20.0	129	65 - 135	P	11/13/2025	13:25	LB137889
	Silver	11.5	10.0	115	65 - 135	P	11/13/2025	13:25	LB137889
	Sodium	1750	2000	88	65 - 135	P	11/13/2025	13:25	LB137889
	Thallium	36.7	40.0	92	65 - 135	P	11/13/2025	13:25	LB137889
	Vanadium	38.9	40.0	97	65 - 135	P	11/13/2025	13:25	LB137889
	Zinc	42.5	40.0	106	65 - 135	P	11/13/2025	13:25	LB137889

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB113	Mercury	0.076	+/-0.2	U	0.20	CV	11/13/2025	11:46	lb137881

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB72	Mercury	0.076	+/-0.2	U	0.20	CV	11/13/2025	11:50	lb137881
CCB73	Mercury	0.076	+/-0.2	U	0.20	CV	11/13/2025	12:23	lb137881
CCB74	Mercury	0.076	+/-0.2	U	0.20	CV	11/13/2025	12:45	lb137881

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/13/2025	13:21	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	13:21	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	13:21	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	13:21	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	13:21	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	13:21	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	13:21	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	13:21	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	13:21	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	13:21	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	13:21	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	13:21	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	13:21	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	13:21	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	13:21	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	13:21	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	13:21	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	13:21	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	13:21	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	13:21	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	13:21	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	13:21	LB137889

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/13/2025	13:50	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	13:50	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	13:50	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	13:50	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	13:50	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	13:50	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	13:50	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	13:50	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	13:50	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	13:50	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	13:50	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	13:50	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	13:50	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	13:50	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	13:50	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	13:50	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	13:50	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	13:50	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	13:50	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	13:50	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	13:50	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	13:50	LB137889
CCB02	Aluminum	11.3	+/-50	U	100	P	11/13/2025	14:39	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	14:39	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	14:39	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	14:39	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	14:39	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	14:39	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	14:39	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	14:39	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	14:39	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	14:39	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	14:39	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	14:39	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	14:39	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	14:39	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	14:39	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	14:39	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	14:39	LB137889

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/13/2025	14:39	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	14:39	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	14:39	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	14:39	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	14:39	LB137889
CCB03	Aluminum	11.3	+/-50	U	100	P	11/13/2025	15:51	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	15:51	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	15:51	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	15:51	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	15:51	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	15:51	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	15:51	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	15:51	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	15:51	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	15:51	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	15:51	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	15:51	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	15:51	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	15:51	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	15:51	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	15:51	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	15:51	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	15:51	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	15:51	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	15:51	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	15:51	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	15:51	LB137889
CCB04	Aluminum	11.3	+/-50	U	100	P	11/13/2025	16:40	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	16:40	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	16:40	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	16:40	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	16:40	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	16:40	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	16:40	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	16:40	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	16:40	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	16:40	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	16:40	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	16:40	LB137889

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/13/2025	16:40	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	16:40	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	16:40	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	16:40	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	16:40	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	16:40	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	16:40	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	16:40	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	16:40	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	16:40	LB137889
CCB05	Aluminum	12.4	+/-50	J	100	P	11/13/2025	17:31	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	17:31	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	17:31	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	17:31	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	17:31	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	17:31	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	17:31	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	17:31	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	17:31	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	17:31	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	17:31	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	17:31	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	17:31	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	17:31	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	17:31	LB137889
	Potassium	918	+/-1000	U	2000	P	11/13/2025	17:31	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	17:31	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	17:31	LB137889
	Sodium	868	+/-1000	U	2000	P	11/13/2025	17:31	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	17:31	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	17:31	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	17:31	LB137889
CCB06	Aluminum	11.3	+/-50	U	100	P	11/13/2025	18:25	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	18:25	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	18:25	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	18:25	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	18:25	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	18:25	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	18:25	LB137889

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	18:25	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	18:25	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	18:25	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	18:25	LB137889
	Lead	2.30	+/-6	U	12.0	P	11/13/2025	18:25	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	18:25	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	18:25	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	18:25	LB137889
	Potassium	4510	+/-1000	*	2000	P	11/13/2025	18:25	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	18:25	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	18:25	LB137889
	Sodium	7060	+/-1000	*	2000	P	11/13/2025	18:25	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	18:25	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	18:25	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	18:25	LB137889
CCB07	Aluminum	11.3	+/-50	U	100	P	11/13/2025	18:42	LB137889
	Antimony	6.76	+/-25	U	50.0	P	11/13/2025	18:42	LB137889
	Arsenic	5.12	+/-10	U	20.0	P	11/13/2025	18:42	LB137889
	Barium	14.6	+/-50	U	100	P	11/13/2025	18:42	LB137889
	Beryllium	0.56	+/-3	U	6.00	P	11/13/2025	18:42	LB137889
	Cadmium	0.50	+/-3	U	6.00	P	11/13/2025	18:42	LB137889
	Calcium	234	+/-1000	U	2000	P	11/13/2025	18:42	LB137889
	Chromium	2.12	+/-5	U	10.0	P	11/13/2025	18:42	LB137889
	Cobalt	2.26	+/-15	U	30.0	P	11/13/2025	18:42	LB137889
	Copper	4.60	+/-10	U	20.0	P	11/13/2025	18:42	LB137889
	Iron	23.4	+/-50	U	100	P	11/13/2025	18:42	LB137889
	Lead	3.19	+/-6	J	12.0	P	11/13/2025	18:42	LB137889
	Magnesium	244	+/-1000	U	2000	P	11/13/2025	18:42	LB137889
	Manganese	5.94	+/-10	U	20.0	P	11/13/2025	18:42	LB137889
	Nickel	3.06	+/-20	U	40.0	P	11/13/2025	18:42	LB137889
	Potassium	7050	+/-1000	*	2000	P	11/13/2025	18:42	LB137889
	Selenium	9.64	+/-10	U	20.0	P	11/13/2025	18:42	LB137889
	Silver	1.62	+/-5	U	10.0	P	11/13/2025	18:42	LB137889
	Sodium	11500	+/-1000	*	2000	P	11/13/2025	18:42	LB137889
	Thallium	4.38	+/-20	U	40.0	P	11/13/2025	18:42	LB137889
	Vanadium	6.26	+/-20	U	40.0	P	11/13/2025	18:42	LB137889
	Zinc	16.7	+/-20	U	40.0	P	11/13/2025	18:42	LB137889

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3615

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170524BL		**SOLID**		**Batch Number:**	**PB170524**		**Prep Date:**	**11/12/2025**	
	Mercury	0.0070	<0.013	U	0.013	CV	11/13/2025	11:59	lb137881

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3615

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170522BL		**SOLID**		**Batch Number:**	**PB170522**		**Prep Date:**	**11/13/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	11/13/2025	13:54	LB137889
	Antimony	0.22	<1.25	U	2.50	P	11/13/2025	13:54	LB137889
	Arsenic	0.19	<0.5	U	1.00	P	11/13/2025	13:54	LB137889
	Barium	0.73	<2.5	U	5.00	P	11/13/2025	13:54	LB137889
	Beryllium	0.025	<0.15	U	0.30	P	11/13/2025	13:54	LB137889
	Cadmium	0.024	<0.15	U	0.30	P	11/13/2025	13:54	LB137889
	Calcium	11.1	<50	U	100	P	11/13/2025	13:54	LB137889
	Chromium	0.047	<0.25	U	0.50	P	11/13/2025	13:54	LB137889
	Cobalt	0.10	<0.75	U	1.50	P	11/13/2025	13:54	LB137889
	Copper	0.22	<0.5	U	1.00	P	11/13/2025	13:54	LB137889
	Iron	3.99	<2.5	U	5.00	P	11/13/2025	13:54	LB137889
	Lead	0.13	<0.3	U	0.60	P	11/13/2025	13:54	LB137889
	Magnesium	12.0	<50	U	100	P	11/13/2025	13:54	LB137889
	Manganese	0.14	<0.5	U	1.00	P	11/13/2025	13:54	LB137889
	Nickel	0.13	<1	U	2.00	P	11/13/2025	13:54	LB137889
	Potassium	27.7	<50	U	100	P	11/13/2025	13:54	LB137889
	Selenium	0.26	<0.5	U	1.00	P	11/13/2025	13:54	LB137889
	Silver	0.12	<0.25	U	0.50	P	11/13/2025	13:54	LB137889
	Sodium	17.8	<50	U	100	P	11/13/2025	13:54	LB137889
	Thallium	0.23	<1	U	2.00	P	11/13/2025	13:54	LB137889
	Vanadium	0.25	<1	U	2.00	P	11/13/2025	13:54	LB137889
	Zinc	0.23	<1	U	2.00	P	11/13/2025	13:54	LB137889

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	243000	255000	95	216000	294000	11/13/2025	13:29	LB137889
	Antimony	-7.94			-50	50	11/13/2025	13:29	LB137889
	Arsenic	7.42			-20	20	11/13/2025	13:29	LB137889
	Barium	2.85	6.0	48	-94	106	11/13/2025	13:29	LB137889
	Beryllium	1.32			-6	6	11/13/2025	13:29	LB137889
	Cadmium	-0.18	1.0	18	-5	7	11/13/2025	13:29	LB137889
	Calcium	236000	245000	96	208000	282000	11/13/2025	13:29	LB137889
	Chromium	49.7	52.0	96	42	62	11/13/2025	13:29	LB137889
	Cobalt	1.40			-30	30	11/13/2025	13:29	LB137889
	Copper	2.75	2.0	138	-18	22	11/13/2025	13:29	LB137889
	Iron	102000	101000	101	85600	116500	11/13/2025	13:29	LB137889
	Lead	-8.14			-12	12	11/13/2025	13:29	LB137889
	Magnesium	245000	255000	96	216000	294000	11/13/2025	13:29	LB137889
	Manganese	9.02	7.0	129	-13	27	11/13/2025	13:29	LB137889
	Nickel	6.06	2.0	303	-38	42	11/13/2025	13:29	LB137889
	Potassium	-59.2			0	0	11/13/2025	13:29	LB137889
	Selenium	-5.23			-20	20	11/13/2025	13:29	LB137889
	Silver	6.89			-10	10	11/13/2025	13:29	LB137889
	Sodium	-251			0	0	11/13/2025	13:29	LB137889
	Thallium	8.92			-40	40	11/13/2025	13:29	LB137889
	Vanadium	5.94			-40	40	11/13/2025	13:29	LB137889
	Zinc	1.59			-40	40	11/13/2025	13:29	LB137889
ICSAB01	Aluminum	242000	247000	98	209000	285000	11/13/2025	13:33	LB137889
	Antimony	585	618	95	525	711	11/13/2025	13:33	LB137889
	Arsenic	110	104	106	88.4	120	11/13/2025	13:33	LB137889
	Barium	495	537	92	437	637	11/13/2025	13:33	LB137889
	Beryllium	505	495	102	420	570	11/13/2025	13:33	LB137889
	Cadmium	982	972	101	826	1120	11/13/2025	13:33	LB137889
	Calcium	234000	235000	100	199000	271000	11/13/2025	13:33	LB137889
	Chromium	555	542	102	460	624	11/13/2025	13:33	LB137889
	Cobalt	499	476	105	404	548	11/13/2025	13:33	LB137889
	Copper	487	511	95	434	588	11/13/2025	13:33	LB137889
	Iron	101000	99300	102	84400	114500	11/13/2025	13:33	LB137889
	Lead	42.2	49.0	86	37	61	11/13/2025	13:33	LB137889
	Magnesium	243000	248000	98	210000	286000	11/13/2025	13:33	LB137889
	Manganese	499	507	98	430	584	11/13/2025	13:33	LB137889
	Nickel	1000	954	105	810	1100	11/13/2025	13:33	LB137889
	Potassium	-154			0	0	11/13/2025	13:33	LB137889
	Selenium	54.7	46.0	119	26	66	11/13/2025	13:33	LB137889
	Silver	204	201	102	170	232	11/13/2025	13:33	LB137889
	Sodium	-395			0	0	11/13/2025	13:33	LB137889
	Thallium	111	108	103	68	148	11/13/2025	13:33	LB137889

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	483	491	98	417	565	11/13/2025	13:33	LB137889
	Zinc	1010	952	106	809	1095	11/13/2025	13:33	LB137889

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3615

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q3609-01 **client id:** AU-713-COMP-01MS

Percent Solids for Sample: 81.6 **Spiked ID:** Q3609-01MS **Percent Solids for Spike Sample:** 81.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	9560		7160		110	2187		P
Antimony	mg/Kg	75 - 125	21.3		2.76	U	43.6	49	N	P
Arsenic	mg/Kg	75 - 125	50.8		8.78		43.6	96		P
Barium	mg/Kg	75 - 125	33.1		22.2		10.9	99		P
Beryllium	mg/Kg	75 - 125	9.97		0.71		10.9	85		P
Cadmium	mg/Kg	75 - 125	9.82		0.33	U	10.9	90		P
Calcium	mg/Kg	75 - 125	2230		1800		54.5	789		P
Chromium	mg/Kg	75 - 125	45.0		20.3		21.8	113		P
Cobalt	mg/Kg	75 - 125	14.6		2.80		10.9	108		P
Copper	mg/Kg	75 - 125	22.2		7.01		16.3	93		P
Iron	mg/Kg	75 - 125	35800		22000		160	8621		P
Lead	mg/Kg	75 - 125	62.6		14.0		54.5	89		P
Magnesium	mg/Kg	75 - 125	1510		1230		110	258		P
Manganese	mg/Kg	75 - 125	60.9		46.1		10.9	136		P
Nickel	mg/Kg	75 - 125	34.3		6.05		27.2	104		P
Potassium	mg/Kg	75 - 125	3380		1840		540	287	N	P
Selenium	mg/Kg	75 - 125	80.3		1.10	U	110	73	N	P
Silver	mg/Kg	75 - 125	5.52		1.21		4.1	105		P
Sodium	mg/Kg	75 - 125	462		147		160	196	N	P
Thallium	mg/Kg	75 - 125	96.5		2.21	U	110	88		P
Vanadium	mg/Kg	75 - 125	69.5		37.6		16.3	195	N	P
Zinc	mg/Kg	75 - 125	46.3		30.0		10.9	150	N	P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3615

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q3609-01 **client id:** AU-713-COMP-01MSD

Percent Solids for Sample: 81.6 **Spiked ID:** Q3609-01MSD **Percent Solids for Spike Sample:** 81.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	8260		7160		110	1001		P
Antimony	mg/Kg	75 - 125	20.2		2.76	U	42.6	47	N	P
Arsenic	mg/Kg	75 - 125	46.1		8.78		42.6	88		P
Barium	mg/Kg	75 - 125	28.8		22.2		10.7	61	N	P
Beryllium	mg/Kg	75 - 125	9.87		0.71		10.7	86		P
Cadmium	mg/Kg	75 - 125	9.61		0.33	U	10.7	90		P
Calcium	mg/Kg	75 - 125	1930		1800		53.3	239		P
Chromium	mg/Kg	75 - 125	42.8		20.3		21.3	105		P
Cobalt	mg/Kg	75 - 125	13.1		2.80		10.7	96		P
Copper	mg/Kg	75 - 125	20.2		7.01		16.0	82		P
Iron	mg/Kg	75 - 125	28300		22000		160	3911		P
Lead	mg/Kg	75 - 125	59.2		14.0		53.3	85		P
Magnesium	mg/Kg	75 - 125	1300		1230		110	65		P
Manganese	mg/Kg	75 - 125	46.8		46.1		10.7	7		P
Nickel	mg/Kg	75 - 125	31.8		6.05		26.6	97		P
Potassium	mg/Kg	75 - 125	2770		1840		530	176	N	P
Selenium	mg/Kg	75 - 125	80.9		1.10	U	110	74	N	P
Silver	mg/Kg	75 - 125	5.03		1.21		4.0	95		P
Sodium	mg/Kg	75 - 125	361		147		160	134	N	P
Thallium	mg/Kg	75 - 125	98.8		2.21	U	110	90		P
Vanadium	mg/Kg	75 - 125	59.6		37.6		16.0	137	N	P
Zinc	mg/Kg	75 - 125	37.6		30.0		10.7	71	N	P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3615

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q3614-03 **client id:** COMP-3MS

Percent Solids for Sample: 83.5 **Spiked ID:** Q3614-03MS **Percent Solids for Spike Sample:** 83.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.091		0.29	78	N	CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3615

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q3614-03 **client id:** COMP-3MSD

Percent Solids for Sample: 83.5 **Spiked ID:** Q3614-03MSD **Percent Solids for Spike Sample:** 83.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.091		0.29	82		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** AU-713-COMP-01A

Sample ID: Q3609-01 **Spiked ID:** Q3609-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	36.2		2.76	U	44.2	82		P
Barium	mg/Kg	75 - 125	31.5		22.2		11.0	84		P
Potassium	mg/Kg	75 - 125	2320		1840		550	89		P
Selenium	mg/Kg	75 - 125	90.8		1.10	U	110	82		P
Sodium	mg/Kg	75 - 125	297		147		170	88		P
Vanadium	mg/Kg	75 - 125	51.8		37.6		16.6	85		P
Zinc	mg/Kg	75 - 125	39.7		30.0		11.0	89		P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** COMP-3A

Sample ID: Q3614-03 **Spiked ID:** Q3614-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.091		0.30	102		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3609-01 **Client ID:** AU-713-COMP-01DUP

Percent Solids for Sample: 81.6 **Duplicate ID** Q3609-01DUP **Percent Solids for Spike Sample:** 81.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7160		6370		12		P
Antimony	mg/Kg	20	2.76	U	2.50	U			P
Arsenic	mg/Kg	20	8.78		7.59		15		P
Barium	mg/Kg	20	22.2		19.9		11		P
Beryllium	mg/Kg	20	0.71		0.63		11		P
Cadmium	mg/Kg	20	0.33	U	0.30	U			P
Calcium	mg/Kg	20	1800		1590		12		P
Chromium	mg/Kg	20	20.3		18.0		12		P
Cobalt	mg/Kg	20	2.80		2.52		11		P
Copper	mg/Kg	20	7.01		6.03		15		P
Iron	mg/Kg	20	22000		19900		10		P
Lead	mg/Kg	20	14.0		12.5		11		P
Magnesium	mg/Kg	20	1230		1090		12		P
Manganese	mg/Kg	20	46.1		41.0		12		P
Nickel	mg/Kg	20	6.05		5.36		12		P
Potassium	mg/Kg	20	1840		1650		11		P
Selenium	mg/Kg	20	1.10	U	1.00	U			P
Silver	mg/Kg	20	1.21		1.08		11		P
Sodium	mg/Kg	20	147		125		16		P
Thallium	mg/Kg	20	2.21	U	2.00	U			P
Vanadium	mg/Kg	20	37.6		33.7		11		P
Zinc	mg/Kg	20	30.0		26.0		14		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3609-01MS **Client ID:** AU-713-COMP-01MSD

Percent Solids for Sample: 81.6 **Duplicate ID** Q3609-01MSD **Percent Solids for Spike Sample:** 81.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	9560		8260		15		P
Antimony	mg/Kg	20	21.3		20.2		5		P
Arsenic	mg/Kg	20	50.8		46.1		10		P
Barium	mg/Kg	20	33.1		28.8		14		P
Beryllium	mg/Kg	20	9.97		9.87		1		P
Cadmium	mg/Kg	20	9.82		9.61		2		P
Calcium	mg/Kg	20	2230		1930		14		P
Chromium	mg/Kg	20	45.0		42.8		5		P
Cobalt	mg/Kg	20	14.6		13.1		11		P
Copper	mg/Kg	20	22.2		20.2		9		P
Iron	mg/Kg	20	35800		28300		23	*	P
Lead	mg/Kg	20	62.6		59.2		6		P
Magnesium	mg/Kg	20	1510		1300		15		P
Manganese	mg/Kg	20	60.9		46.8		26	*	P
Nickel	mg/Kg	20	34.3		31.8		8		P
Potassium	mg/Kg	20	3380		2770		20		P
Selenium	mg/Kg	20	80.3		80.9		1		P
Silver	mg/Kg	20	5.52		5.03		9		P
Sodium	mg/Kg	20	462		361		25	*	P
Thallium	mg/Kg	20	96.5		98.8		2		P
Vanadium	mg/Kg	20	69.5		59.6		15		P
Zinc	mg/Kg	20	46.3		37.6		21	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3614-03 **Client ID:** COMP-3DUP

Percent Solids for Sample: 83.5 **Duplicate ID** Q3614-03DUP **Percent Solids for Spike Sample:** 83.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.091		0.085		7		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3614-03MS **Client ID:** COMP-3MSD

Percent Solids for Sample: 83.5 **Duplicate ID** Q3614-03MSD **Percent Solids for Spike Sample:** 83.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.32		0.33		3		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170522BS							
Aluminum	mg/Kg	100	97.5		98	80 - 120	P
Antimony	mg/Kg	40.0	39.0		98	80 - 120	P
Arsenic	mg/Kg	40.0	37.9		95	80 - 120	P
Barium	mg/Kg	10.0	9.51		95	80 - 120	P
Beryllium	mg/Kg	10.0	9.94		99	80 - 120	P
Cadmium	mg/Kg	10.0	9.37		94	80 - 120	P
Calcium	mg/Kg	50.0	53.0	J	106	80 - 120	P
Chromium	mg/Kg	20.0	19.8		99	80 - 120	P
Cobalt	mg/Kg	10.0	9.62		96	80 - 120	P
Copper	mg/Kg	15.0	15.0		100	80 - 120	P
Iron	mg/Kg	150	153		102	80 - 120	P
Lead	mg/Kg	50.0	46.2		92	80 - 120	P
Magnesium	mg/Kg	100	102		102	80 - 120	P
Manganese	mg/Kg	10.0	10.1		100	80 - 120	P
Nickel	mg/Kg	25.0	24.1		96	80 - 120	P
Potassium	mg/Kg	500	491		98	80 - 120	P
Selenium	mg/Kg	100	95.0		95	80 - 120	P
Silver	mg/Kg	3.8	3.65		96	80 - 120	P
Sodium	mg/Kg	150	133		89	80 - 120	P
Thallium	mg/Kg	100	95.4		95	80 - 120	P
Vanadium	mg/Kg	15.0	14.7		98	80 - 120	P
Zinc	mg/Kg	10.0	9.97		100	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170524BS							
Mercury	mg/Kg	0.26	0.22		83	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

AU-713-COMP-01L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137889 **Lab Sample ID :** Q3609-01L **SDG No.:** Q3615

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	7160		7740		8		P
Antimony	2.76	U	13.8	U			P
Arsenic	8.78		8.81		0		P
Barium	22.2		23.1	J	4		P
Beryllium	0.71		0.76	J	7		P
Cadmium	0.33	U	1.66	U			P
Calcium	1800		1930		7		P
Chromium	20.3		21.5		6		P
Cobalt	2.80		2.70	J	3		P
Copper	7.01		7.50		7		P
Iron	22000		23900		8		P
Lead	14.0		13.8		2		P
Magnesium	1230		1330		8		P
Manganese	46.1		50.3		9		P
Nickel	6.05		5.59	J	8		P
Potassium	1840		1910		4		P
Selenium	1.10	U	5.52	U			P
Silver	1.21		1.25	J	3		P
Sodium	147		552	U	100.0		P
Thallium	2.21	U	11.0	U			P
Vanadium	37.6		39.2		4		P
Zinc	30.0		31.5		5		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

COMP-3L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137881 **Lab Sample ID :** Q3614-03L **SDG No.:** Q3615

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.091		0.11		16		CV

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170522**						
PB170522BL	PB170522BL	MB	SOLID	11/13/2025	2.00	100.0	100.00
PB170522BS	PB170522BS	LCS	SOLID	11/13/2025	2.00	100.0	100.00
Q3609-01DUP	AU-713-COMP-01DUP	DUP	SOLID	11/13/2025	2.45	100.0	81.60
Q3609-01MS	AU-713-COMP-01MS	MS	SOLID	11/13/2025	2.25	100.0	81.60
Q3609-01MSD	AU-713-COMP-01MSD	MSD	SOLID	11/13/2025	2.30	100.0	81.60
Q3615-01	East Bathhouse- Concrete	SAM	SOLID	11/13/2025	2.23	100.0	100.00

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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3615

Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170524**						
PB170524BL	PB170524BL	MB	SOLID	11/12/2025	0.55	35.0	100.00
PB170524BS	PB170524BS	LCS	SOLID	11/12/2025	0.53	35.0	100.00
Q3614-03DUP	COMP-3DUP	DUP	SOLID	11/12/2025	0.58	35.0	83.50
Q3614-03MS	COMP-3MS	MS	SOLID	11/12/2025	0.57	35.0	83.50
Q3614-03MSD	COMP-3MSD	MSD	SOLID	11/12/2025	0.58	35.0	83.50
Q3615-01	East Bathhouse- Concrete	SAM	SOLID	11/12/2025	0.57	35.0	100.00

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3615

Instrument id number: **Method:** **Run number:** lb137881

Start date: 11/13/2025 **End date:** 11/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1122	HG
S0.2	S0.2	1	1124	HG
S2.5	S2.5	1	1127	HG
S5	S5	1	1129	HG
S7.5	S7.5	1	1131	HG
S10	S10	1	1139	HG
ICV113	ICV113	1	1143	HG
ICB113	ICB113	1	1146	HG
CCV72	CCV72	1	1148	HG
CCB72	CCB72	1	1150	HG
CRA	CRA	1	1153	HG
PB170524BL	PB170524BL	1	1159	HG
PB170524BS	PB170524BS	1	1202	HG
Q3614-03DUP	COMP-3DUP	1	1216	HG
Q3614-03MS	COMP-3MS	1	1218	HG
CCV73	CCV73	1	1220	HG
CCB73	CCB73	1	1223	HG
Q3614-03MSD	COMP-3MSD	1	1225	HG
Q3615-01	East Bathhouse- Concrete	1	1227	HG
Q3614-03L	COMP-3L	5	1239	HG
Q3614-03A	COMP-3A	1	1241	HG
CCV74	CCV74	1	1243	HG
CCB74	CCB74	1	1245	HG

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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3615

Instrument id number: **Method:** **Run number:** LB137889

Start date: 11/13/2025 **End date:** 11/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1246	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1251	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1255	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1321	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170522BL	PB170522BL	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170522BS	PB170522BS	1	1358	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3615-01	East Bathhouse- Concrete	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3609-01DUP	AU-713-COMP-01DUP	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3609-01L	AU-713-COMP-01L	5	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3609-01MS	AU-713-COMP-01MS	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3609-01MSD	AU-713-COMP-01MSD	1	1423	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3609-01A	AU-713-COMP-01A	1	1427	Ba,K,Na,Sb,Se,V,Zn
CCV02	CCV02	1	1435	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1548	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1636	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1640	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1817	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1838	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1842	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn